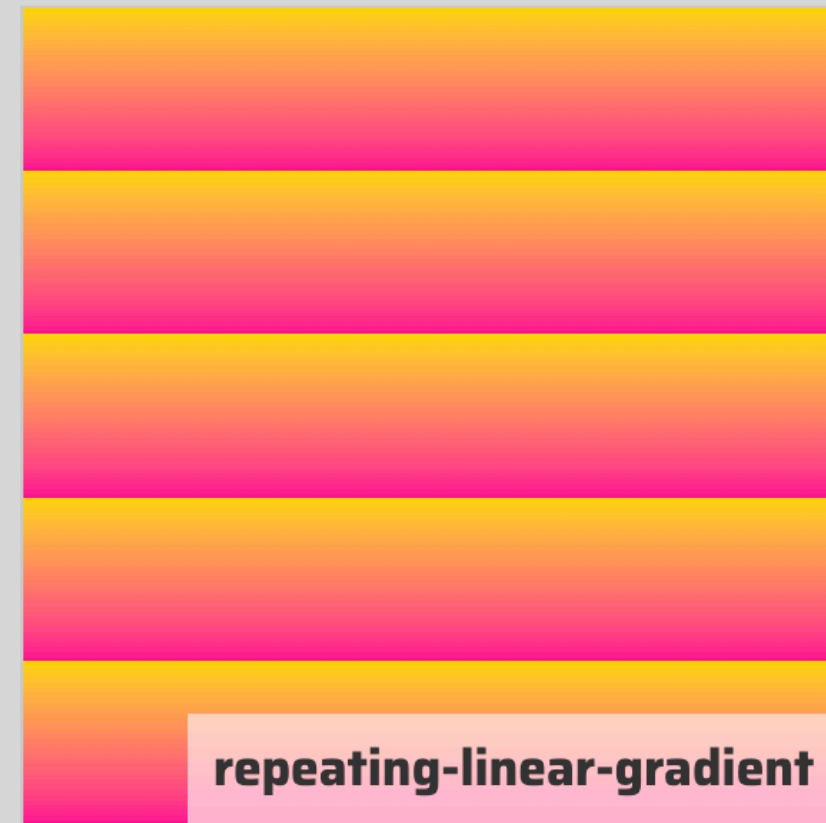
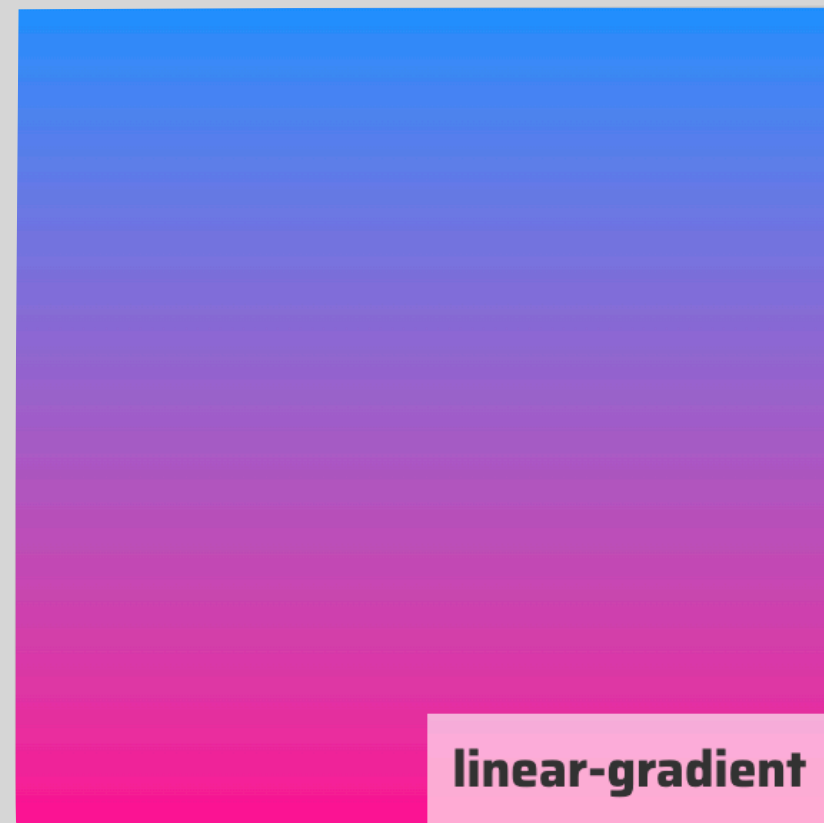


# #3 GRADIENTS

**intro**

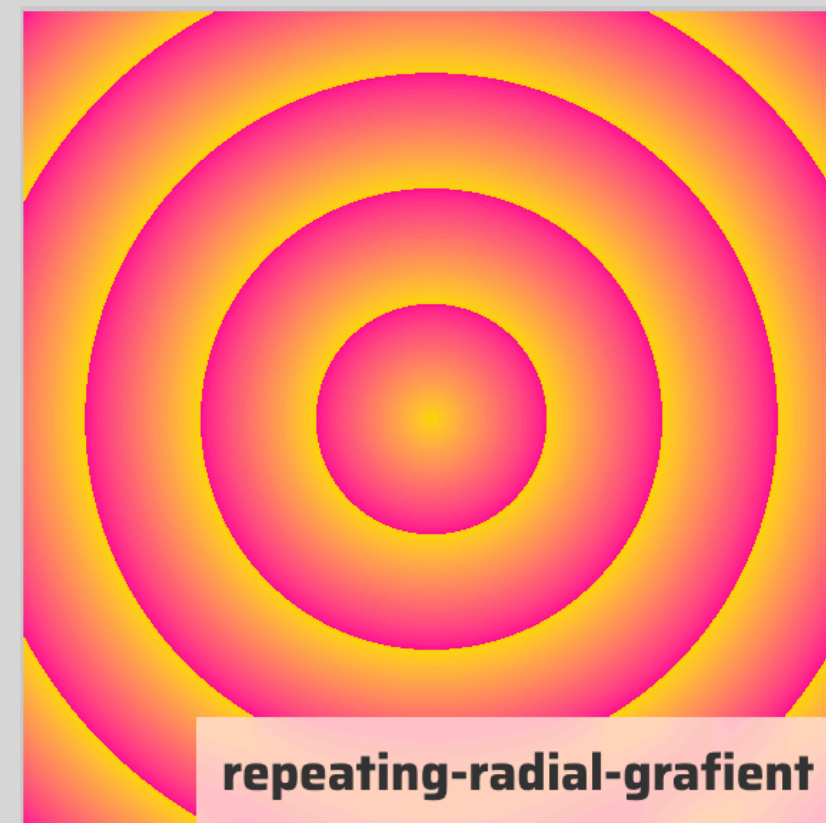
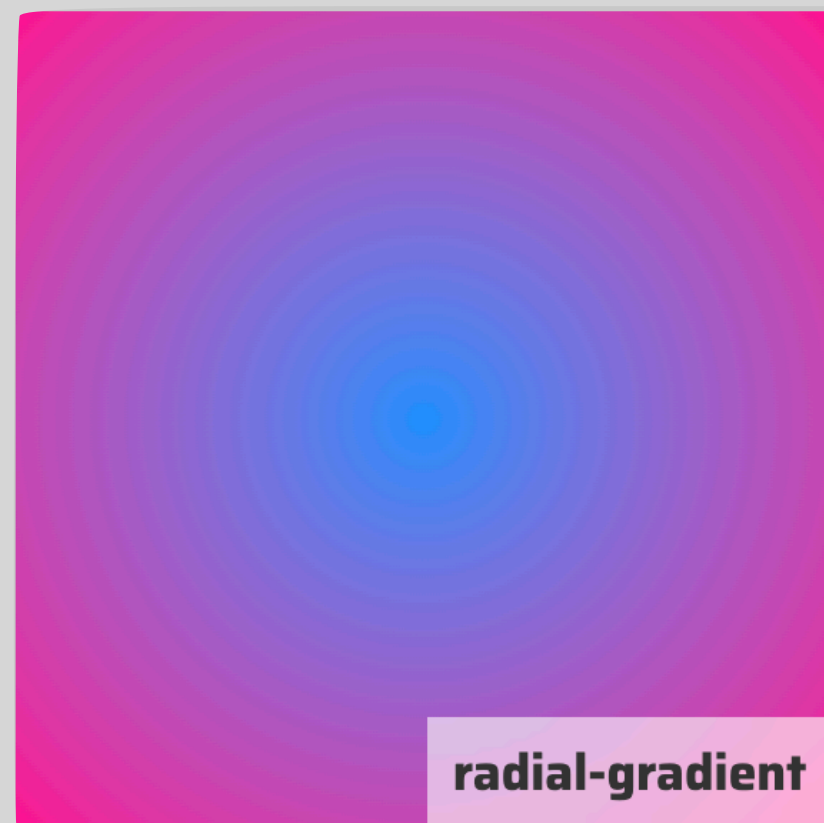
# 6 smaken gradients

```
background-image:  
  linear-gradient(  
    dodgerblue,  
    deeppink  
  );
```



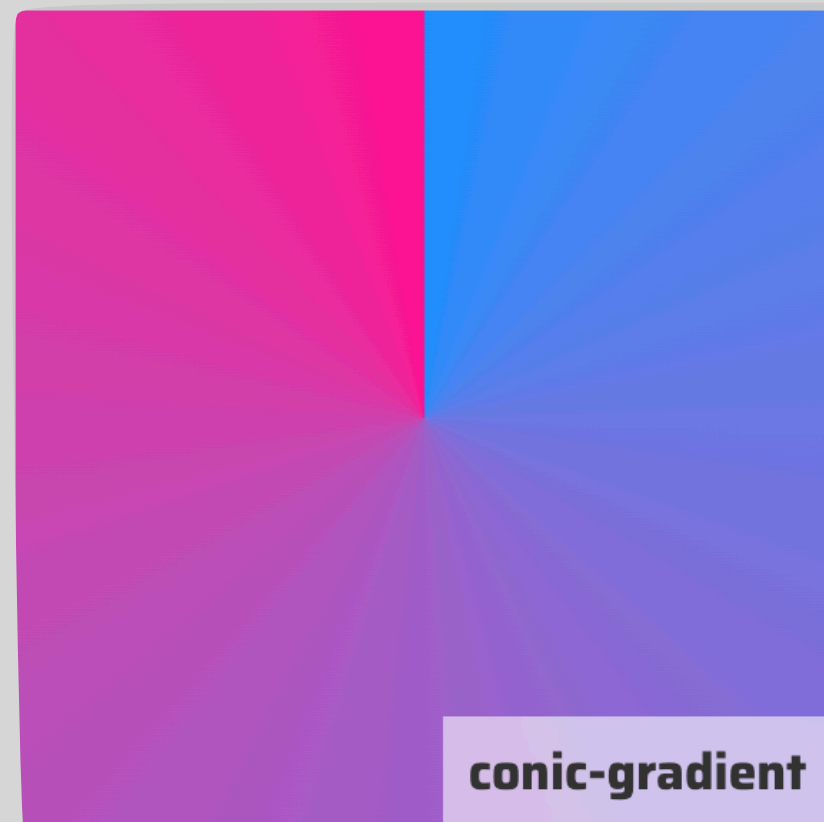
```
background-image:  
  repeating-linear-gradient(  
    gold 0%,  
    deeppink 20%  
  );
```

```
background-image:  
  radial-gradient(  
    dodgerblue,  
    deeppink  
  );
```



```
background-image:  
  repeating-radial-gradient(  
    gold 0%,  
    deeppink 20%  
  );
```

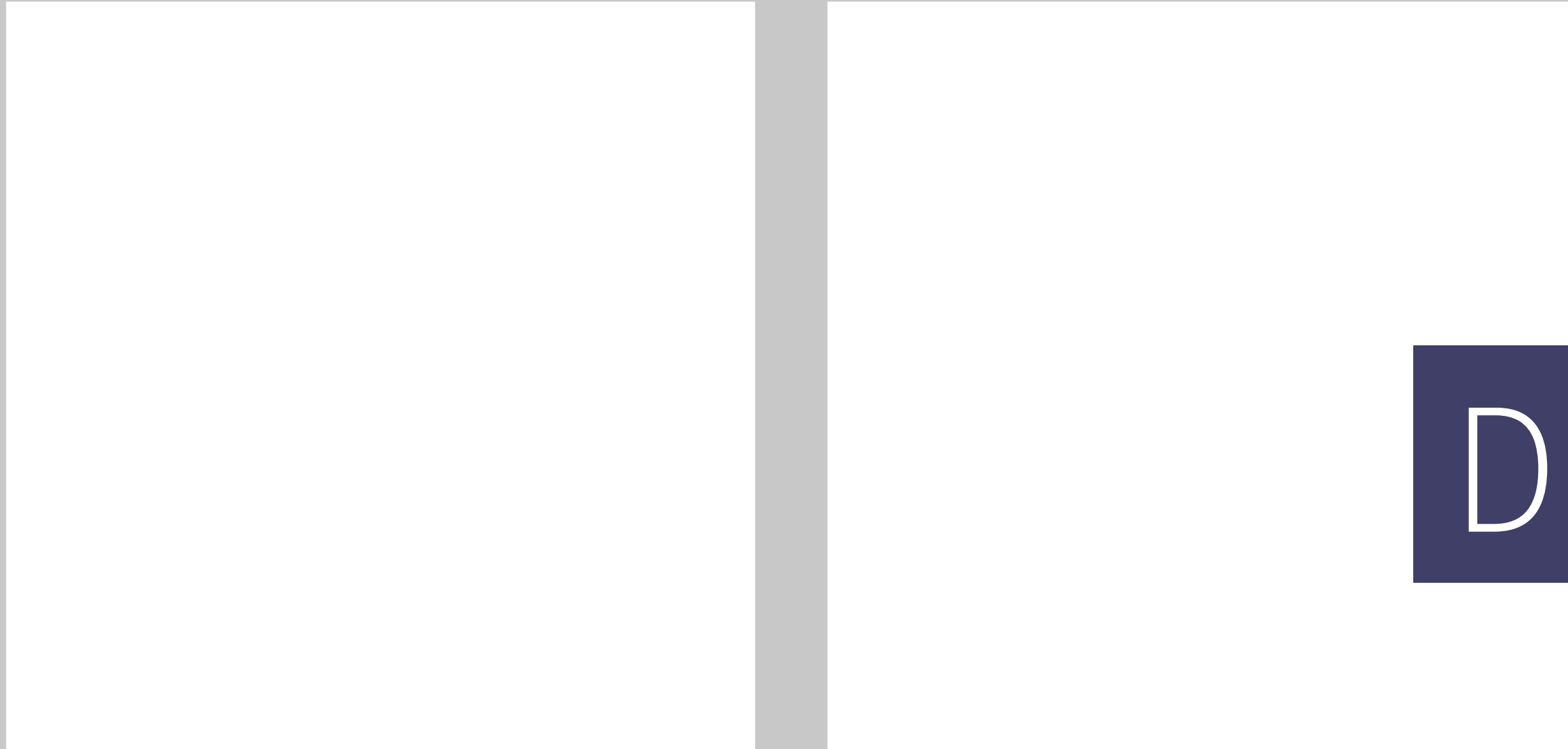
```
background-image:  
  conic-gradient(  
    dodgerblue,  
    deeppink  
  );
```



```
background-image:  
  repeating-conic-gradient(  
    gold 0%,  
    deeppink 20%  
  );
```

# backgrounds backgrounds backgrounds

Nb. Vergeet deze Pen niet te Fork-en, zodat je met je eigen kopie aan de slag gaat (knopje rechtsonder).



DEMO

HTML

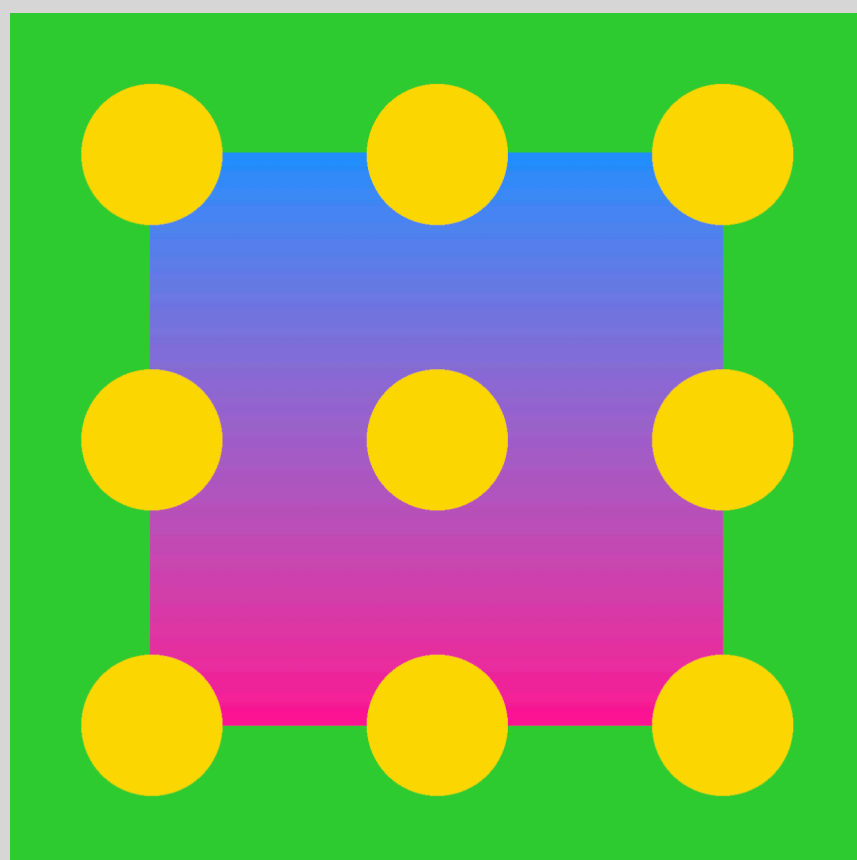
```
1 <header>
2   <h1>backgrounds backgrounds backgrounds</h1>
3   <p>Nb. Vergeet deze Pen niet te Fork-en, zodat je met
   je eigen kopie aan de slag gaat (knopje rechtsonder).
   </p>
4 </header>
5
6 <main>
7   <ul>
8     <li></li>
```

\* CSS

```
1 @import
2 url("https://codepen.io/shooft/pen/NWeBEEEL.css");
3 /* KLEURTJES */
4 :root {
5   --rood:crimson;
6   --oranje:darkorange;
7   --geel:gold;
8   --groen:#3a0;
9   --blauw:dodgerblue;
10  --donkerblauw:#048;
11  --paars:purple;
12  --bruin:brown;
```

JS

# multiple gradients



De achtergrond-**kleur** is de **onderste laag**.

Daarbovenop de **background-images** van onder naar **boven**

**background-color:**

```
limegreen;
```

**background-image:**

```
radial-gradient(  
  gold 35%,  
  transparent 35%
```

```
),
```

```
linear-gradient(  
  dodgerblue,  
  deeppink
```

```
);
```

**background-size:**

```
calc(100% / 3) calc(100% / 3),  
67% 67%;
```

**background-repeat:**

```
repeat,  
no-repeat;
```

**background-position:**

```
left top,  
center center;
```

Elke property dubbel met een **komma** ertussen en een **puntkomma** op het eind.



# linear-gradient



angle

**background-image:**

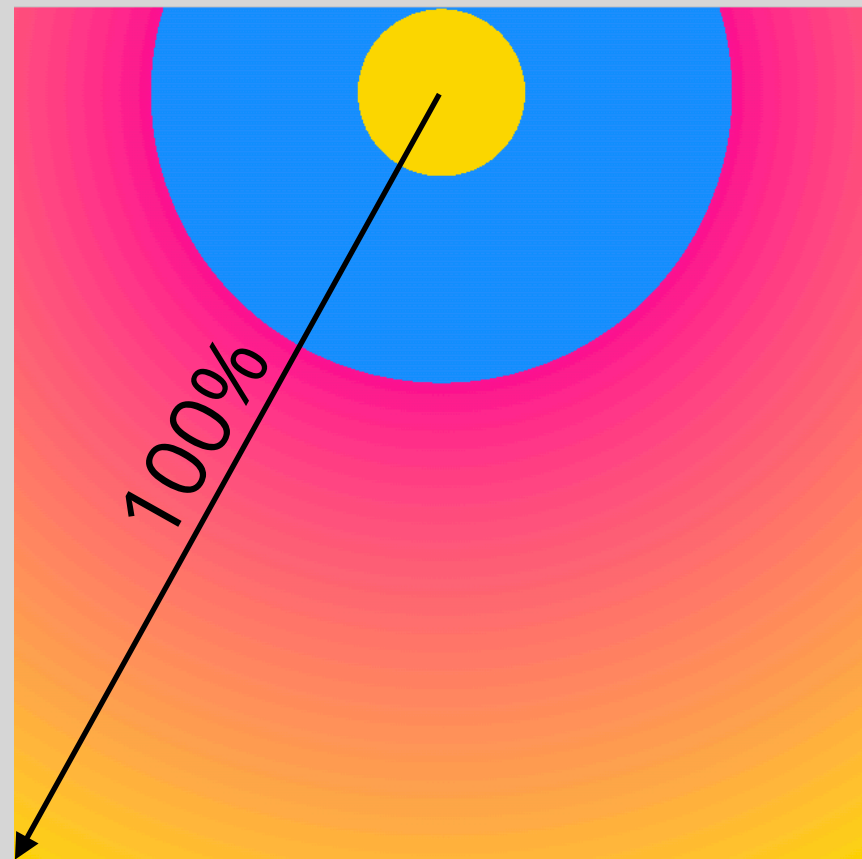
```
linear-gradient(  
  45deg,  
  deeppink,  
  dodgerblue 40%,  
  gold 40% 12em,  
  deeppink 12em,  
  dodgerblue  
);
```

color-stop

dubbele  
color-stop

lengte of  
percentage

# radial-gradient



shape

**background-image:**

```
radial-gradient(  
  circle at 50% 10%,  
  gold 2em,  
  dodgerblue 2em 33%,  
  deeppink 33%,  
  gold  
);
```

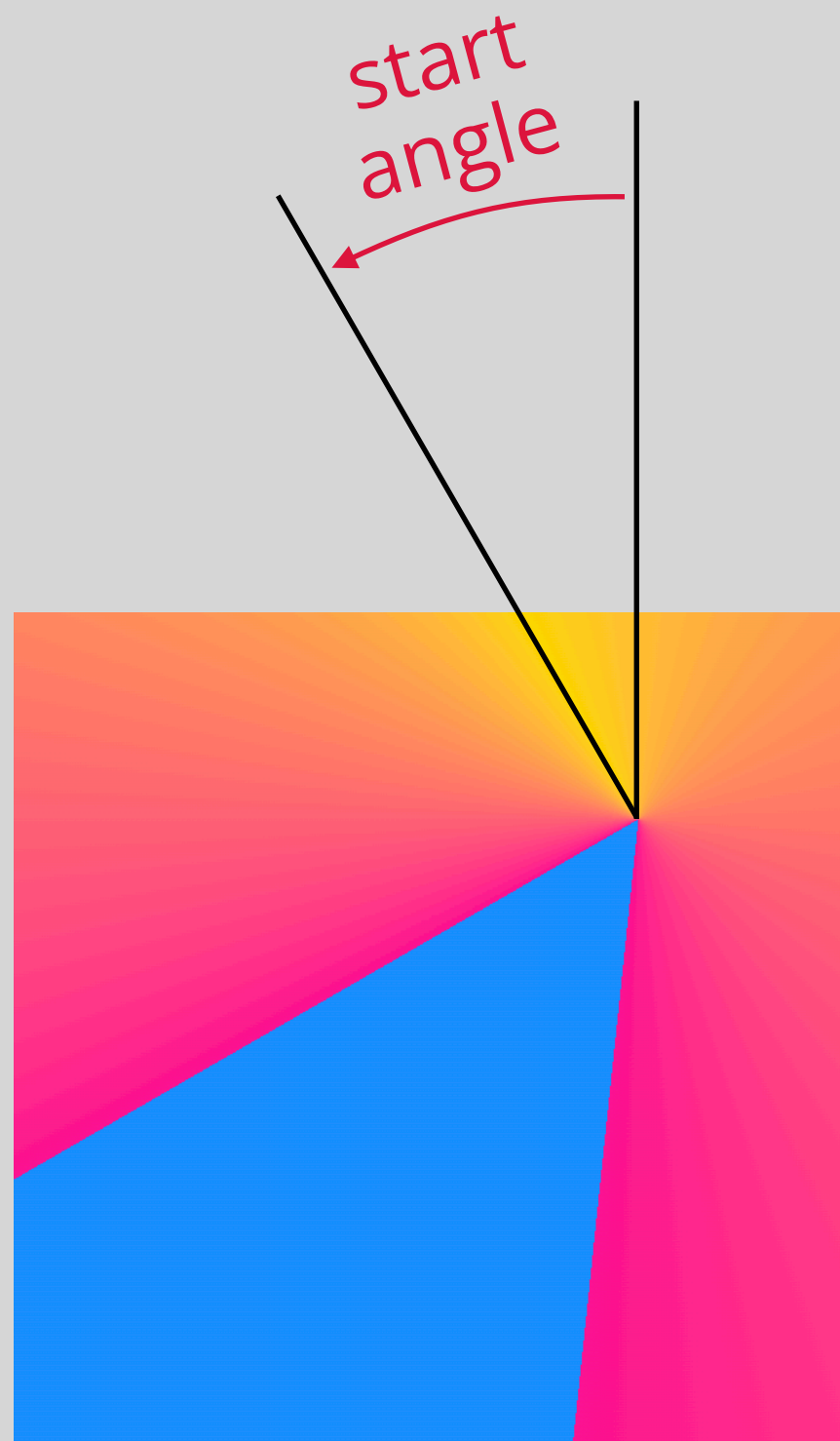
middelpunt  
van de  
gradient

color-stop

dubbele  
color-stop

lengte of  
percentage

# conic-gradient



start angle

**background-image:**

```
conic-gradient(  
  from -30deg at 75% 25%,  
  gold,  
  deeppink 60%,  
  dodgerblue 60% 270deg,  
  deeppink 270deg,  
  gold  
);
```

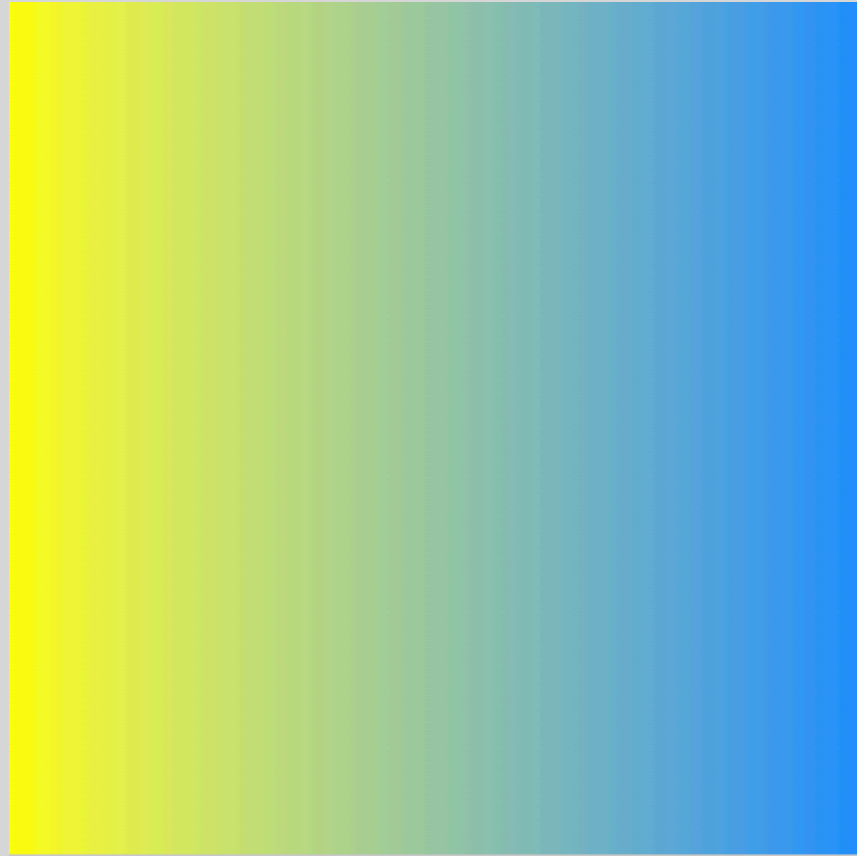
middelpunt van de gradient

color-stop

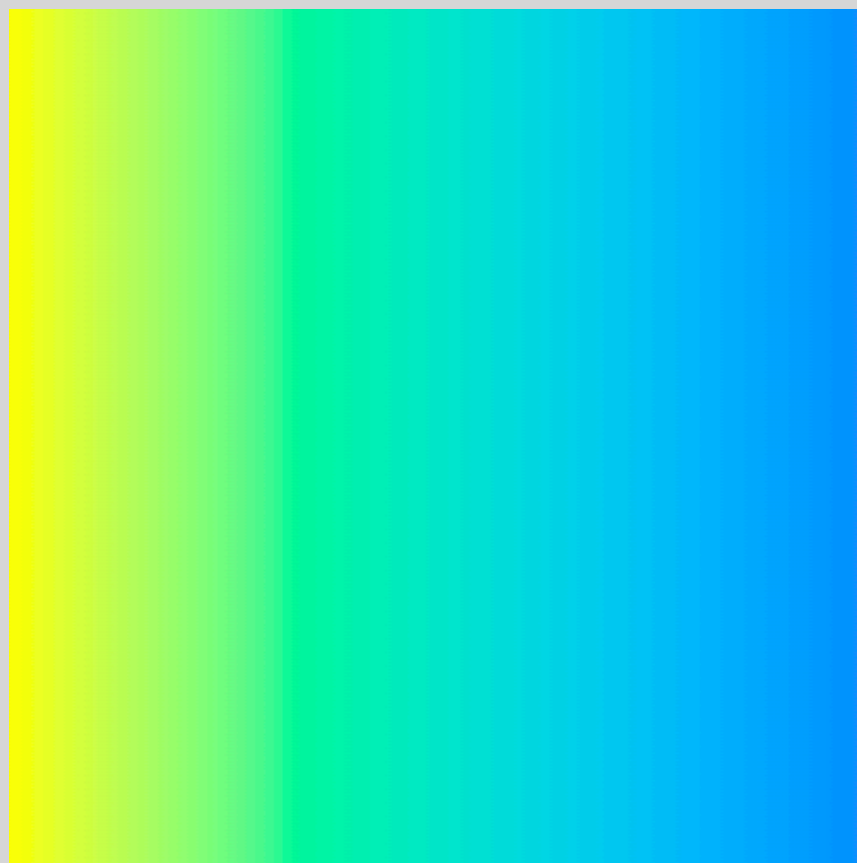
dubbele color-stop

lengte of graden

# mooie gradient



```
background-image:  
  linear-gradient(  
    90deg,  
    yellow,  
    dodgerblue  
  );
```

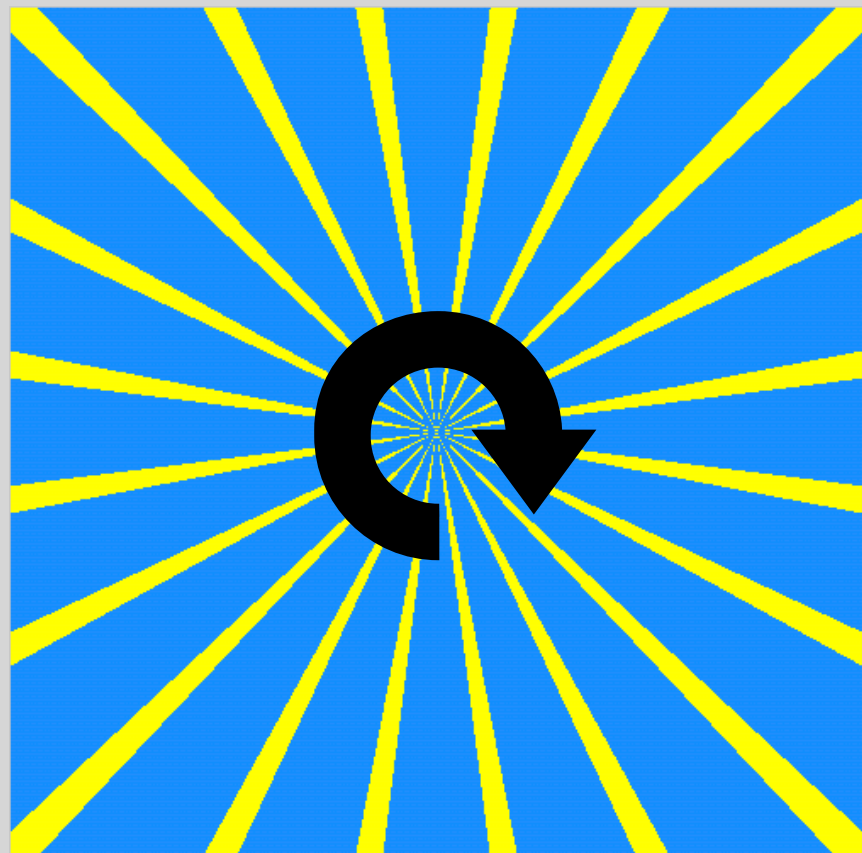


```
background-image:  
  linear-gradient(  
    90deg in oklch,  
    yellow,  
    dodgerblue  
  );
```

voeg een high-def  
color space toe



# animeren met @property



```
li {  
  background-image:  
    repeating-conic-gradient(  
      from var(--angle, 0deg),  
      dodgerblue 0 2%,  
      yellow 0 3%,  
      dodgerblue 0 5%  
    );  
  animation:--angle-ani 2s ease-in-out infinite alternate;  
}
```

de hoek van waar  
de conic-gradient  
begint

een variabele met  
een fallback voor als  
--angle niet bestaat

```
@keyframes --angle-ani {  
  0% {  
    --angle:0deg;  
  }  
  100% {  
    --angle:360deg;  
  }  
}
```

--angle animeren werkt  
niet zomaar, omdat de  
browser niet weet wat  
--angle is :(

```
@property --angle {  
  syntax:"<angle>";  
  inherits:true;  
  initial-value:0deg;  
}
```

met @property kun je  
de browser leren wat  
voor type een custom  
property is - en dan  
kun je wel animeren :)

intro!

#3 EBVDIEM12

CSS challenge

EDND 54-52