

# Converting Colors

HunterLab(88.3292, -45.1062,  
-8.7388)

Have a look what the booklet for  
HunterLab(88.3292, -45.1062,  
-8.7388) contains.

<b>HunterLab(88.3292, -45.1062, -8.7388)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(88.3292,  
-45.1062, -8.7388)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32DFDF
RGB	50, 253, 253
RGB Percent	20%, 99%, 99%
CMY	0.8038, 0.0078, 0.0078
CMYK	0.80, 0.00, 0.00, 0.01
HSL	180°, 98%, 59%
HSV	180°, 80%, 99%
XYZ	54.1702, 78.0205, 105.1328
YIQ	192.3030, -120.9880, -43.0360

# Conversions

## Conversions Part 2

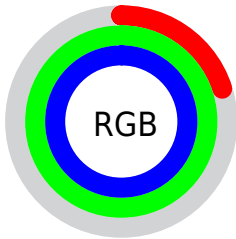
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 152, 253
Decimal	3341821
CIELab	90.79, -45.75, -13.56
CIELCh	91, 47.714, 196.506
Yxy	78.0234, 0.2283, 0.3288
Android (android.graphics.Color)	4281531901 (0xFF32DFD)
YUV	192.3030, 29.9236, -124.7997
Hunter-Lab	88.3292, -45.1062, -8.7388

# Details

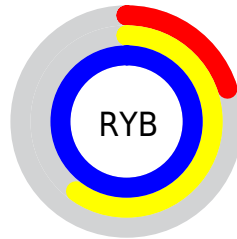
The HunterLab color **88.3292, -45.1062, -8.7388** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **48.3700, 71.1825, 27.3498**, and the grayscale version is **72.6483, -3.8763, 3.9471**.

A 20% lighter version of the original color is **91.5469, -36.1175, -5.4939**, and **65.9283, -34.9520, -6.9533** is the 20% darker color. If you saturate the color by 10%, you get **88.0613, -46.1691, -9.1131**, and if you desaturate by 10%, it is **88.7995, -43.2672, -8.0875**.

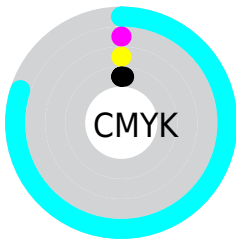
# Distribution



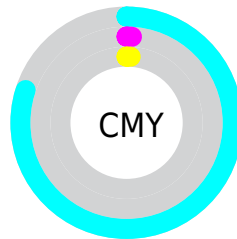
- Red (20%)
- Green (99%)
- Blue (99%)



- Red (20%)
- Yellow (60%)
- Blue (99%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (80%)
- Magenta (1%)
- Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.3292, -45.1062, -8.7388 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 88.3292, -45.1062, -8.7388 by changing the saturation by 10% instead.





 88.3292, -45.1062,  
-8.7388


 88.3292, -45.1062,  
-8.7388


220.9629,  
-69.2448, -5.7629


 76.2189, -42.1156,  
-8.8430


 114.2730,  
-50.8284, -8.3729


 64.7175, -39.0128,  
-8.8920


 128.0552,  
-53.5877, -8.1201

 53.8611, -35.7709,  
-8.8800


 142.3509,  
-56.2929, -7.8238

 43.6904, -32.3524,  
-8.8016

 157.1422,  
-58.9521, -7.4864

 34.2553, -28.7035,  
-8.6510

172.4131,  
-61.5718, -7.1099

 25.6183, -24.7433,  
-8.4224

188.1489,

 17.8615, -20.3420,

-64.1576, -6.6961

-8.1133

204.3363,  
-66.7139, -6.2467

■ 11.0991, -19.1236,  
-7.7372

■ 2.9584, -5.1772,  
-18.8768

■ 88.3292, -45.1062,  
-8.7388

■ 88.3292, -45.1062,  
-8.7388

■ 88.0613, -46.1691,  
-9.1131


■ 88.7995, -43.2672,  
-8.0875


■ 87.9459, -46.6253,  
-9.2742


■ 89.4928, -40.5668,  
-7.1325


■ 90.4292, -36.9561,  
-5.8549


■ 91.6216, -32.4175,  
-4.2478

 93.0783, -26.9599,  
-2.3136

 94.8032, -20.6153,  
-0.0628

 96.7964, -13.4341,  
2.4878

 99.0551, -5.4799,  
5.3166

 99.3000, -4.6285,  
5.6195

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3308, -45.6199, 14.5396



88.3292, -45.1062, -8.7388



88.3308, -34.5594, -33.7773

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3308, -45.1064, -8.7376



88.3308, 31.6961, -31.4703



88.3308, 6.4216, 37.9658

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88.3292, -45.1062, -8.7388



48.3700, 71.1825, 27.3498

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3308, 29.7005, 31.3014



88.3292, -45.1062, -8.7388



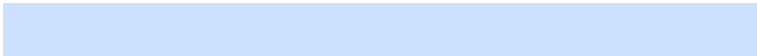
88.3308, 45.3196, -6.1744

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3308, -45.1064, -8.7376



88.3308, 8.9167, -49.1324



88.3308, 44.5522, 16.4990



88.3308, -17.5724, 37.6267



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3292, -45.1062, -8.7388



88.3308, -22.5389, -46.2769



88.3308, 44.5522, 16.4990



88.3308, 14.6386, 36.5679

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.3308, -45.1064, -8.7376



94.9647, -23.3223, -0.9584



84.4104, -69.0695, 48.6831



43.6505, -11.8379, -0.8151

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3308, -45.1064, -8.7376



88.7726, -46.8972, -9.3057



55.8374, 0.5865, -64.2609



45.2565, -6.0148, 1.2524



64.1430, -34.0060, -6.7641



20.0149, -10.6111, -2.1107



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.3700, 71.1825, 27.3498



46.3722, 78.2348, 29.5694



65.0644, 27.9605, 37.8302



42.4112, 1.5785, 3.5917



33.3299, 57.0785, 21.5369

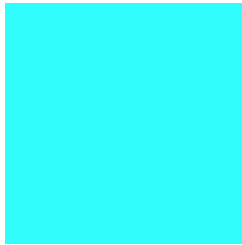


10.4001, 17.8106, 6.7202



# Previews

## White Background



This preview shows how the HunterLab color 88.3292, -45.1062, -8.7388 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

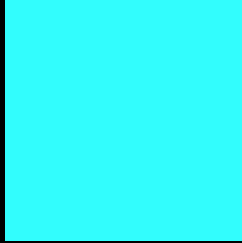
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.3292, -45.1062, -8.7388 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

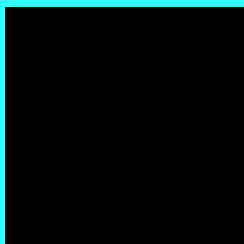
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

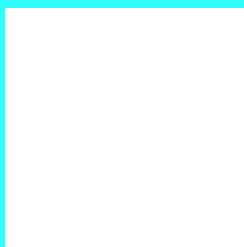
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 88.3292, -45.1062, -8.7388 Background



This preview shows how black text looks on a background with the HunterLab color 88.3292, -45.1062, -8.7388.



This preview shows how white text looks on a background with the HunterLab color 88.3292,

-45.1062, -8.7388.

# Color Blindness Simulation

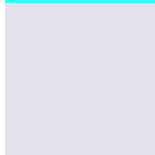
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

88.3292, -45.1062, -8.7388



### Protanopia

87.4074, -1.7196, 0.0007



### Deuteranopia

87.5319, 4.7595, -10.0628



## Tritanopia

88.0321, -26.4368, -9.9365

# Trichromacy



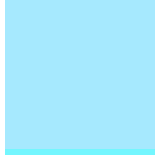
## Original Color

88.3292, -45.1062, -8.7388



## Protanomaly

85.7986, -23.5736, -5.5941



## Deuteranomaly

85.7558, -19.4503, -12.3262



## Tritanomaly

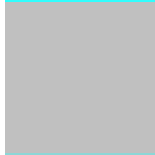
87.6244, -35.0936, -10.0663

# Monochromacy



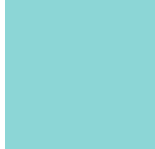
## Original Color

88.3292, -45.1062, -8.7388



## Achromatopsia

72.6027, -3.8739, 3.9446



## Achromatomaly

76.5007, -24.2121, -2.5903

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.3292, -45.1062, -8.7388 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(50, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(50, 253, 253)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(50, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 253, 253) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.3292, -45.1062, -8.7388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(50, 253, 253) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(50, 253, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(50, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(50, 253,  
253) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.3292, -45.1062, -8.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 253, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(50, 253,  
253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor