

# Converting Colors

HunterLab(87.3518, -50.0628,  
13.3101)

Have a look what the booklet for  
HunterLab(87.3518, -50.0628,  
13.3101) contains.

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# Color

**HunterLab(87.3798,  
-50.0296, 13.3460)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CFCCE
RGB	92, 252, 206
RGB Percent	36%, 99%, 81%
CMY	0.6392, 0.0117, 0.1921
CMYK	0.63, 0.00, 0.18, 0.01
HSL	163°, 96%, 67%
HSV	163°, 63%, 99%
XYZ	50.3646, 76.3523, 70.4755
YIQ	198.9160, -80.5940, -48.2260

# Conversions

## Conversions Part 2

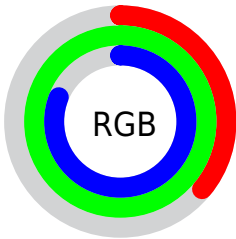
Format	Color
<a href="#">RYB</a>	<a href="#">92, 185, 252</a>
Decimal	<a href="#">6094030</a>
CIELab	<a href="#">90.02, -52.39, 9.79</a>
CIELCh	<a href="#">90, 53.296, 169.410</a>
Yxy	<a href="#">76.3553, 0.2554, 0.3872</a>
Android (android.graphics.Color)	<a href="#">4284284110 (0xFF5CFCCE)</a>
YUV	<a href="#">198.9160, 3.4924, -93.7653</a>
Hunter-Lab	<a href="#">87.3798, -50.0296, 13.3460</a>

# Details

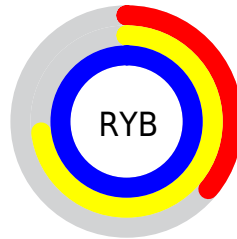
The HunterLab color **87.3798, -50.0296, 13.3460** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **54.9424, 61.6219, 8.9835**, and the grayscale version is **75.5491, -4.0311, 4.1047**.

A 20% lighter version of the original color is **92.6866, -31.7938, -3.9624**, and **63.9145, -42.1441, 11.0895** is the 20% darker color. If you saturate the color by 10%, you get **86.5575, -53.7399, 15.4857**, and if you desaturate by 10%, it is **88.4513, -45.3761, 11.4017**.

# Distribution



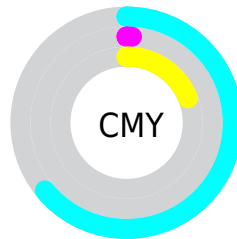
- Red (36%)
- Green (99%)
- Blue (81%)



- Red (36%)
- Yellow (73%)
- Blue (99%)



- Cyan (63%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)




- Cyan (64%)
- Magenta (1%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3798, -50.0296, 13.3460 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 87.3798, -50.0296, 13.3460 by changing the saturation by 10% instead.





 87.3798, -50.0296,  
13.3460

 87.3798, -50.0296,  
13.3460


219.6732,  
-76.8485, 23.9332


 75.3153, -46.6609,  
12.2286


 113.2383,  
-56.4453, 15.6110


 63.8620, -43.1526,  
11.1165


 126.9804,  
-59.5247, 16.7597

 53.0566, -39.4724,  
10.0069


 141.2374,  
-62.5356, 17.9209

 42.9404, -35.5750,  
8.8949

 155.9913,  
-65.4876, 19.0953

 33.5641, -31.3953,  
7.7727

171.2259,  
-68.3888, 20.2835

 24.9914, -26.8362,  
6.6276

186.9266,

 17.3062, -21.7447,

-71.2458, 21.4856

5.4379

203.0798,  
-74.0641, 22.7021

■ 10.6261, -18.5957,  
4.5172

■ 0.5160, -0.9030,  
0.3612

■ 87.3798, -50.0296,  
13.3460

■ 87.3798, -50.0296,  
13.3460

■ 86.5575, -53.7399,  
15.4857

■ 88.4513, -45.3761,  
11.4017

■ 85.9601, -56.5481,  
17.7772

■ 89.7795, -39.7693,  
9.6836

■ 85.5622, -58.5421,  
20.1737

■ 91.3740, -33.2314,  
8.2194

■ 85.3817, -59.5132,  
21.7522

■ 93.2377, -25.8074,  
7.0284

■ 95.3701, -17.5604,  
6.1226

■ 97.7672, -8.5654,  
5.5071

■ 99.0472, -3.7451,  
4.3343

# Harmonies

## Analogous

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



87.3815, -40.6697, 31.1546



87.3798, -50.0296, 13.3460



87.3815, -48.4035, -13.2809

# Triad

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



87.3815, -50.0303, 13.3469



87.3815, 13.2467, -55.7495



87.3815, 31.7057, 34.5415

# Complementary

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



87.3798, -50.0296, 13.3460



54.9424, 61.6219, 8.9835

# 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.



87.3815, 49.8310, 19.6162



87.3798, -50.0296, 13.3460



87.3815, 38.3118, -33.8215

# Square

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



87.3815, -50.0303, 13.3469



87.3815, -13.9965, -58.9712



87.3815, 52.3854, -4.8058



87.3815, 5.0708, 40.6847



# Rectangle

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



87.3798, -50.0296, 13.3460



87.3815, -41.2390, -32.7241



87.3815, 52.3854, -4.8058



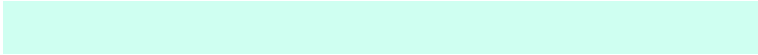
87.3815, 39.1265, 30.6407

# Sweetspot

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



87.3815, -50.0303, 13.3469



95.4336, -22.5117, 6.6761



87.1620, -55.1353, 45.8553



43.8728, -11.5013, 3.2178

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.3815, -50.0303, 13.3469



87.5528, -55.2789, 16.2760



77.7771, -26.9133, -22.7528



44.1798, -6.4451, 2.6800



61.6441, -42.8194, 15.3851



18.8089, -12.7334, 3.9781



# Inverse Universe

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



54.9424, 61.6219, 8.9835



50.8934, 72.7146, 13.0555



59.9046, 42.0283, 27.6262



41.6020, 2.0676, 2.1024



33.2404, 57.7336, 15.2122

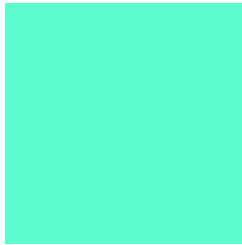


10.2021, 17.8866, 3.3736



# Previews

## White Background



This preview shows how the HunterLab color 87.3798, -50.0296, 13.3460 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

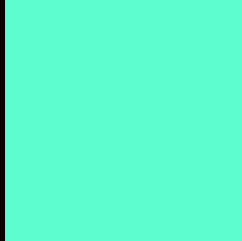
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.3798, -50.0296, 13.3460 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

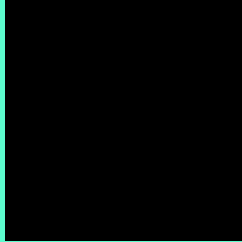
Any Text WCAG AA ✓ Pass

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 87.3798, -50.0296, 13.3460 Background



This preview shows how black text looks on a background with the HunterLab color 87.3798, -50.0296, 13.3460.



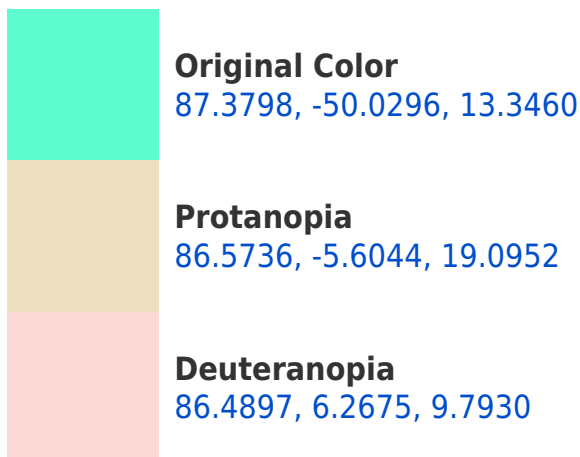
This preview shows how white text looks on a background with the HunterLab color 87.3798, -50.0296, 13.3460.

-50.0296, 13.3460.

# 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





## Tritanopia

87.2465, -25.8899, -10.9849

# Trichromacy



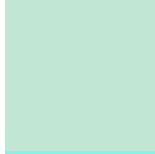
## Original Color

87.3798, -50.0296, 13.3460



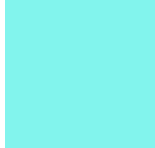
## Protanomaly

85.4794, -25.8240, 15.5807



## Deuteranomaly

85.2257, -19.1914, 9.3062



## Tritanomaly

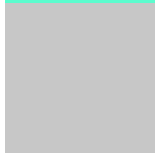
86.9262, -35.3963, -1.7044

# Monochromacy



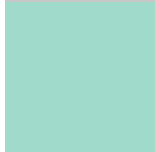
## Original Color

87.3798, -50.0296, 13.3460



## Achromatopsia

75.5728, -4.0324, 4.1060



## Achromatomaly

78.6643, -23.6853, 5.9428

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3798, -50.0296, 13.3460 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(92, 252, 206)` looks like.

```
.text, #text, p{  
    color:rgb(92, 252, 206)  
}
```

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(92, 252, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 252, 206) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3798, -50.0296, 13.3460 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(92, 252, 206) }
```



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

```
.border{ border-color:rgb(92, 252, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 252, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 252, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 252, 206);  
box-shadow:4px 4px 4px 4px rgb(92, 252,  
206) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3798, -50.0296, 13.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 252, 206) }
```

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

```
.background{ background-color: rgb(92, 252,  
206) }
```

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](#).

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