

# Converting Colors

HunterLab(86.6900, -49.0391,  
12.1860)

Have a look what the booklet for  
HunterLab(86.6900, -49.0391,  
12.1860) contains.

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# Color

**HunterLab(86.6900,  
-49.0391, 12.1860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CFACF
RGB	92, 250, 207
RGB Percent	36%, 98%, 81%
CMY	0.6392, 0.0196, 0.1882
CMYK	0.63, 0.00, 0.17, 0.02
HSL	164°, 94%, 67%
HSV	164°, 63%, 98%
XYZ	49.8618, 75.1516, 70.9092
YIQ	197.8560, -80.3650, -46.8690

# Conversions

## Conversions Part 2

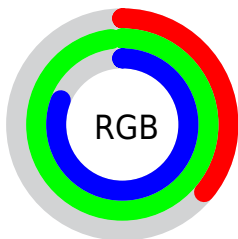
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 183, 250
Decimal	6093519
CIE <sub>Lab</sub>	89.47, -51.33, 8.48
CIE <sub>LCh</sub>	89, 52.027, 170.622
Yxy	75.1545, 0.2545, 0.3836
Android (android.graphics.Color)	4284283599 (0xFF5CFACF)
<b>YUV</b>	197.8560, 4.5080, -92.8357
Hunter-Lab	86.6900, -49.0391, 12.1860

# Details

The HunterLab color **86.6900, -49.0391, 12.1860** 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 **54.5248, 60.5007, 9.7290**, and the grayscale version is **75.0939, -4.0068, 4.0800**.

A 20% lighter version of the original color is **92.6866, -31.7938, -3.9624**, and **63.5923, -41.6190, 10.3586** is the 20% darker color. If you saturate the color by 10%, you get **85.8759, -52.6924, 14.1834**, and if you desaturate by 10%, it is **87.7504, -44.4565, 10.3959**.

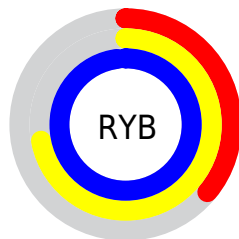
# Distribution



Red (36%)

Green (98%)

Blue (81%)



Red (36%)

Yellow (72%)

Blue (98%)

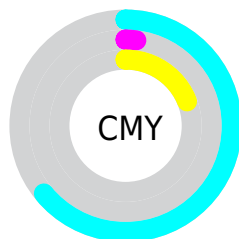


Cyan (63%)

Magenta (0%)

Yellow (17%)

Black (2%)



Cyan (64%)

Magenta (2%)


Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.6900, -49.0391, 12.1860 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 86.6900, -49.0391, 12.1860 by changing the saturation by 10% instead.





 86.6900, -49.0391,  
12.1860


 86.6900, -49.0391,  
12.1860


218.7347,  
-75.4633, 22.2965


 74.6589, -45.7230,  
11.1339


 112.4860,  
-55.3560, 14.3300


 63.2409, -42.2698,  
10.0910


 126.1988,  
-58.3889, 15.4223

 52.4728, -38.6475,  
9.0553


 140.4275,  
-61.3549, 16.5292

 42.3965, -34.8109,  
8.0230

 155.1541,  
-64.2635, 17.6514

 33.0632, -30.6953,  
6.9878

170.3623,  
-67.1226, 18.7890

 24.5377, -26.2032,  
5.9391

186.0373,

 16.9051, -21.1885,

-69.9388, 19.9424

4.8590

202.1655,  
-72.7174, 21.1115

■ 10.2858, -18.0001,  
4.0396

0.0000, NaN, NaN

■ 86.6900, -49.0391,  
12.1860

■ 86.6900, -49.0391,  
12.1860

■ 85.8759, -52.6924,  
14.1834

■ 87.7504, -44.4565,  
10.3959

■ 85.2842, -55.4568,  
16.3462

■ 89.0645, -38.9346,  
8.8423

■ 84.8901, -57.4178,  
18.6287

■ 90.6416, -32.4951,  
7.5509

■ 84.7051, -58.4070,  
20.2099

■ 92.4848, -25.1821,  
6.5391

■ 94.5934, -17.0574,  
5.8170

■ 96.9635, -8.1945,  
5.3880

■ 98.4023, -2.7460,  
3.7701

■ 98.4143, -2.6804,  
3.5988

# Harmonies

## Analogous

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



86.6917, -40.3134, 29.9981



86.6900, -49.0391, 12.1860



86.6917, -47.0113, -13.9627

# Triad

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



86.6917, -49.0398, 12.1869



86.6917, 13.8822, -53.3550



86.6917, 29.7900, 34.2444

# Complementary

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



86.6900, -49.0391, 12.1860



54.5248, 60.5007, 9.7290

# 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.



86.6917, 47.8757, 19.9904



86.6900, -49.0391, 12.1860



86.6917, 37.9592, -31.6246

# Square

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



86.6917, -49.0398, 12.1869



86.6917, -12.7061, -57.3156



86.6917, 51.0311, -3.4790



86.6917, 3.7524, 39.9942



# Rectangle

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



86.6900, -49.0391, 12.1860



86.6917, -39.7264, -32.7452



86.6917, 51.0311, -3.4790



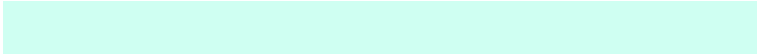
86.6917, 37.1249, 30.5305

# Sweetspot

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



86.6917, -49.0398, 12.1869



95.4569, -22.3797, 6.3429



86.2819, -55.0050, 45.2450



43.8851, -11.4310, 3.0413

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.6917, -49.0398, 12.1869



87.6326, -54.7959, 15.1278



76.2709, -25.4265, -23.7564



44.1851, -6.4153, 2.6037



61.7108, -42.4115, 14.4212



18.8278, -12.6187, 3.7071



# Inverse Universe

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



54.5248, 60.5007, 9.7290



50.8257, 72.4441, 14.0348



60.0670, 40.0473, 27.7185



41.5967, 2.0388, 2.1789



33.2004, 57.5862, 15.7987

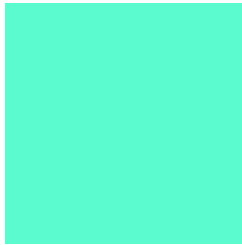


10.1876, 17.8333, 3.5847



# Previews

## White Background



This preview shows how the HunterLab color 86.6900, -49.0391, 12.1860 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

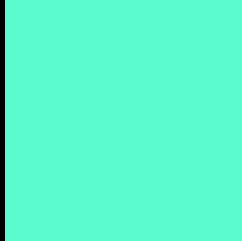
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.6900, -49.0391, 12.1860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

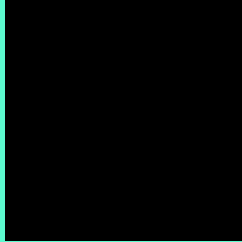
Any Text WCAG AA ✓ Pass

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 86.6900, -49.0391, 12.1860 Background



This preview shows how black text looks on a background with the HunterLab color 86.6900, -49.0391, 12.1860.



This preview shows how white text looks on a background with the HunterLab color 86.6900, -49.0391, 12.1860.

-49.0391, 12.1860.

# 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

86.6900, -49.0391, 12.1860

### Protanopia

85.7818, -5.1268, 17.8976

### Deuteranopia

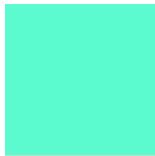
85.9786, 6.0853, 9.2156



## Tritanopia

86.4827, -27.0010, -12.0427

# Trichromacy



## Original Color

86.6900, -49.0391, 12.1860



## Protanomaly

84.6968, -25.2647, 14.3478



## Deuteranomaly

84.4194, -18.7801, 8.4070



## Tritanomaly

86.3477, -35.7670, -2.9608

# Monochromacy



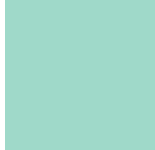
## Original Color

86.6900, -49.0391, 12.1860



## Achromatopsia

75.1473, -4.0097, 4.0829



## Achromatomaly

78.2392, -23.6357, 5.9218

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.6900, -49.0391, 12.1860 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, 250, 207)` looks like.

```
.text, #text, p{  
    color:rgb(92, 250, 207)  
}
```

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, 250, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 250, 207) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.6900, -49.0391, 12.1860 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, 250, 207) }
```



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

```
.border{ border-color:rgb(92, 250, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 250, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 250, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 250, 207);  
box-shadow:4px 4px 4px 4px rgb(92, 250,  
207) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.6900, -49.0391, 12.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 250, 207) }
```

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

```
.background{ background-color: rgb(92, 250,  
207) }
```

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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