

Converting Colors

HunterLab(100.0000, -63.3715,
27.3792)

Have a look what the booklet for
HunterLab(100.0000, -63.3715,
27.3792) contains.

HunterLab(88.6290, -50.8000, 16.3434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(88.6290,
-50.8000, 16.3434)**

Conversions

Conversions Part 1

Format	Color
Hex	65FFCA
RGB	101, 255, 202
RGB Percent	40%, 100%, 79%
CMY	0.6039, 0.0000, 0.2078
CMYK	0.60, 0.00, 0.21, 0.00
HSL	159°, 100%, 70%
HSV	159°, 60%, 100%
XYZ	51.7875, 78.5510, 68.3095
YIQ	202.9120, -74.7710, -49.1310

Conversions

Conversions Part 2

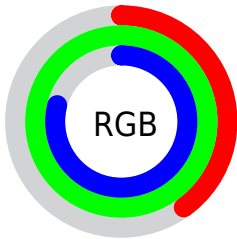
Format	Color
RYB	101, 194, 255
Decimal	6684618
CIELab	91.03, -52.96, 13.32
CIELCh	91, 54.607, 165.880
Yxy	78.5513, 0.2607, 0.3954
Android (android.graphics.Color)	4284874698 (0xFF65FFCA)
YUV	202.9120, -0.4496, -89.3768
Hunter-Lab	88.6290, -50.8000, 16.3434

Details

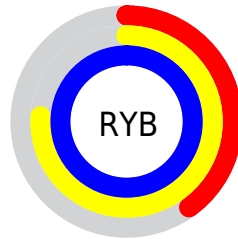
The HunterLab color **88.6290, -50.8000, 16.3434** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.3598, 60.5918, 4.8038**, and the grayscale version is **77.2667, -4.1228, 4.1980**.

A 20% lighter version of the original color is **93.0766, -30.3277, -3.4429**, and **64.8818, -43.7693, 13.6112** is the 20% darker color. If you saturate the color by 10%, you get **87.6907, -55.0349, 18.8696**, and if you desaturate by 10%, it is **89.8254, -45.5765, 13.9703**.

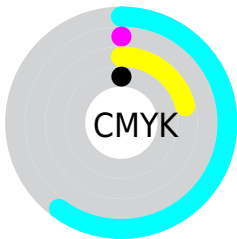
Distribution



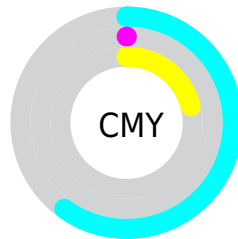
- Red (40%)
- Green (100%)
- Blue (79%)



- Red (40%)
- Yellow (76%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 88.6290, -50.8000, 16.3434 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 88.6290, -50.8000, 16.3434 by changing the saturation by 10% instead.


 88.6290, -50.8000,
16.3434

 88.6290, -50.8000,
16.3434


221.3678,
-77.7907, 28.2115


 76.5029, -47.4103,
15.0480


 114.5980,
-57.2534, 18.9330

 64.9865, -43.8833,
13.7486


 128.3928,
-60.3525, 20.2339

 54.1141, -40.1857,
12.4387


 142.7007,
-63.3830, 21.5412

 43.9264, -36.2730,
11.1104

157.5037,
-66.3545, 22.8562

 34.4729, -32.0819,
9.7516

172.7859,
-69.2748, 24.1800

 25.8159, -27.5181,
8.3437

188.5327,

 18.0368, -22.4338,

-72.1507, 25.5133

6.8554

204.7307,
-74.9878, 26.8570

■ 11.2487, -19.6853,
5.7748

■ 3.3783, -5.9120,
2.3648

■ 88.6290, -50.8000,
16.3434

■ 88.6290, -50.8000,
16.3434

■ 87.6907, -55.0349,
18.8696

■ 89.8254, -45.5765,
13.9703

■ 86.9930, -58.3133,
21.5084


■ 91.2905, -39.3727,
11.7890

■ 86.5114, -60.7059,
24.2107

■ 93.0302, -32.2216,
9.8291

■ 86.2084, -62.3329,
26.8058

■ 95.0462, -24.1798,
8.1137

 97.3361, -15.3197,
6.6589

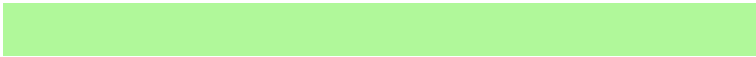
99.8948, -5.7240,
5.4739

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



88.6292, -39.9002, 33.4006



88.6290, -50.8000, 16.3434



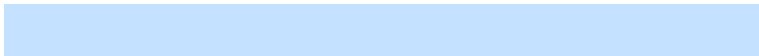
88.6292, -50.4661, -10.2294

Triad

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



88.6292, -50.7990, 16.3427



88.6292, 10.3544, -59.2551



88.6292, 35.5853, 34.0903

Complementary

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



88.6290, -50.8000, 16.3434



57.3598, 60.5918, 4.8038

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.



88.6292, 52.6926, 17.6274



88.6290, -50.8000, 16.3434



88.6292, 36.9469, -38.3210

Square

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



88.6292, -50.7990, 16.3427



88.6292, -17.3874, -59.9225



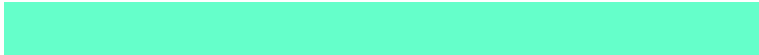
88.6292, 53.2195, -8.4832



88.6292, 8.6721, 41.2992

Rectangle

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



88.6290, -50.8000, 16.3434



88.6292, -43.9806, -30.4063



88.6292, 53.2195, -8.4832



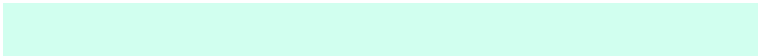
88.6292, 42.8114, 29.7291

Sweetspot

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



88.6292, -50.7990, 16.3427



95.5688, -22.1334, 7.7418



89.1171, -52.5848, 45.8010



43.9211, -11.3896, 3.7921

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



88.6292, -50.7990, 16.3427



87.5627, -55.6259, 19.2880



82.2462, -30.5405, -18.0562



45.1320, -6.7075, 3.0271



62.3398, -44.9138, 19.0367



19.5051, -13.6907, 5.1747

Inverse Universe

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



57.3598, 60.5918, 4.8038



52.4930, 70.8926, 7.8695



60.5318, 43.9005, 26.0075



42.5327, 2.2320, 1.8580



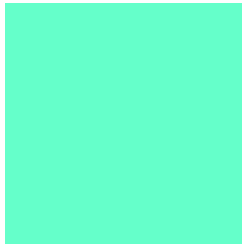
33.9117, 59.2284, 12.9704



10.6739, 18.8199, 2.7073

Previews

White Background



This preview shows how the HunterLab color 88.6290, -50.8000, 16.3434 looks on a white background.

Color Contrast Check

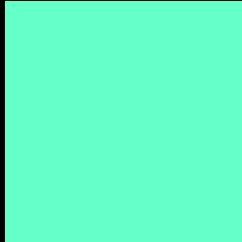
Large Text (above 18pt) WCAG AA × Fail

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 88.6290, -50.8000, 16.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

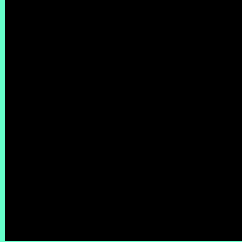
Any Text WCAG AA ✓ Pass

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 88.6290, -50.8000, 16.3434 Background



This preview shows how black text looks on a background with the HunterLab color 88.6290, -50.8000, 16.3434.



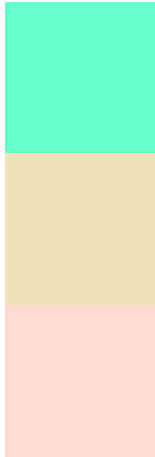
This preview shows how white text looks on a background with the HunterLab color 88.6290, -50.8000, 16.3434.

-50.8000, 16.3434.

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

88.6290, -50.8000, 16.3434

Protanopia

87.8033, -6.3047, 21.8669

Deuteranopia

87.8063, 5.8512, 13.0373



Tritanopia

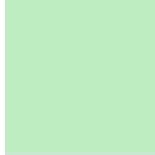
88.3911, -23.3762, -9.4029

Trichromacy



Original Color

88.6290, -50.8000, 16.3434



Protanomaly

86.7395, -26.4770, 18.4989



Deuteranomaly

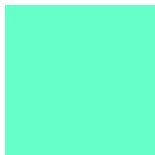
86.5592, -19.5932, 12.5599



Tritanomaly

88.1581, -34.3060, 0.3512

Monochromacy



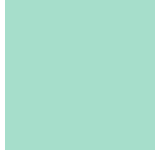
Original Color

88.6290, -50.8000, 16.3434



Achromatopsia

77.2788, -4.1234, 4.1987



Achromatomaly

80.4123, -23.9003, 7.4724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 88.6290, -50.8000, 16.3434 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(101, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(101, 255, 202)  
}
```

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(101, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 255, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 88.6290, -50.8000, 16.3434 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(101, 255, 202) }
```


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

```
.border{ border-color:rgb(101, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(101, 255,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 88.6290, -50.8000, 16.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 255, 202) }
```

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

```
.background{ background-color: rgb(101,  
255, 202) }
```

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