

Converting Colors

HunterLab(88.6820, -50.5476,
16.0882)

Have a look what the booklet for
HunterLab(88.6820, -50.5476,
16.0882) contains.

HunterLab(88.6885, -50.5084, 15.9940)	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(88.6885,
-50.5084, 15.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	66FFCB
RGB	102, 255, 203
RGB Percent	40%, 100%, 80%
CMY	0.6000, 0.0000, 0.2039
CMYK	0.60, 0.00, 0.20, 0.00
HSL	160°, 100%, 70%
HSV	160°, 60%, 100%
XYZ	52.0189, 78.6565, 68.9403
YIQ	203.3250, -74.4960, -48.6080

Conversions

Conversions Part 2

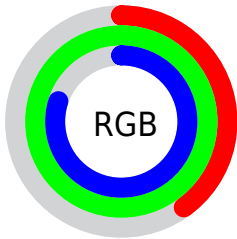
Format	Color
RYB	102, 194, 255
Decimal	6750155
CIELab	91.08, -52.56, 12.88
CIElCh	91, 54.111, 166.231
Yxy	78.6569, 0.2606, 0.3940
Android (android.graphics.Color)	4284940235 (0xFF66FFCB)
YUV	203.3250, -0.1602, -88.8620
Hunter-Lab	88.6885, -50.5084, 15.9940

Details

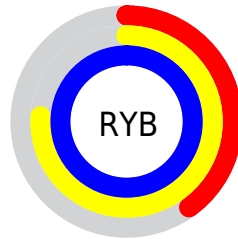
The HunterLab color **88.6885, -50.5084, 15.9940** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.5298, 60.1215, 4.9938**, and the grayscale version is **77.4419, -4.1321, 4.2076**.

A 20% lighter version of the original color is **93.1340, -30.1126, -3.3667**, and **64.9361, -43.4977, 13.2903** is the 20% darker color. If you saturate the color by 10%, you get **87.7424, -54.7687, 18.4857**, and if you desaturate by 10%, it is **89.8930, -45.2610, 13.6614**.

Distribution



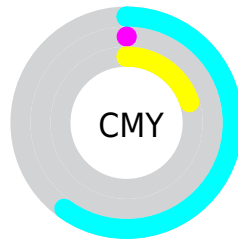
- Red (40%)
- Green (100%)
- Blue (80%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 88.6885, -50.5084, 15.9940 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 88.6885, -50.5084, 15.9940 by changing the saturation by 10% instead.


 88.6885, -50.5084,
15.9940


 88.6885, -50.5084,
15.9940


221.4486,
-77.3362, 27.7014


 76.5596, -47.1418,
14.7210


 114.6629,
-56.9197, 18.5425

 65.0402, -43.6395,
13.4454


 128.4602,
-59.9994, 19.8243

 54.1646, -39.9685,
12.1610


 142.7704,
-63.0113, 21.1133

 43.9735, -36.0850,
10.8604

157.5758,
-65.9649, 22.4107

 34.5164, -31.9261,
9.5322

172.8603,
-68.8682, 23.7175

 25.8554, -27.3987,
8.1585

188.6093,

 18.0718, -22.3562,

-71.7276, 25.0345

6.7096

204.8095,
-74.5487, 26.3623

■ 11.2787, -19.7377,
5.6082

■ 3.4559, -6.0479,
2.4191

■ 88.6885, -50.5084,
15.9940

■ 88.6885, -50.5084,
15.9940

■ 87.7424, -54.7687,
18.4857

■ 89.8930, -45.2610,
13.6614

■ 87.0374, -58.0726,
21.0962

■ 91.3662, -39.0356,
11.5259

■ 86.5491, -60.4891,
23.7771

■ 93.1139, -31.8660,
9.6164

■ 86.2321, -62.1877,
26.4630

■ 95.1376, -23.8091,
7.9554

■ 86.2320, -62.1879,
26.4634

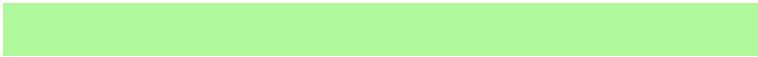
■ 97.4349, -14.9376,
6.5581

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.



88.6887, -39.8097, 33.0692



88.6885, -50.5084, 15.9940



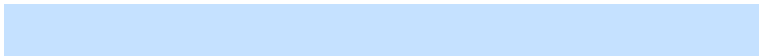
88.6887, -50.0447, -10.4281

Triad

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



88.6887, -50.5075, 15.9934



88.6887, 10.5453, -58.3882



88.6887, 34.9215, 34.0305

Complementary

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



88.6885, -50.5084, 15.9940



57.5298, 60.1215, 4.9938

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.



88.6887, 52.0104, 17.7777



88.6885, -50.5084, 15.9940



88.6887, 36.8068, -37.5358

Square

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



88.6887, -50.5075, 15.9934



88.6887, -16.9848, -59.3097



88.6887, 52.7397, -8.0100



88.6887, 8.2138, 41.1255

Rectangle

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



88.6885, -50.5084, 15.9940



88.6887, -43.5164, -30.3797



88.6887, 52.7397, -8.0100



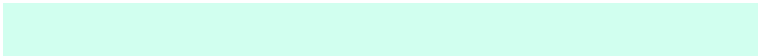
88.6887, 42.1167, 29.7257

Sweetspot

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



88.6887, -50.5075, 15.9934



95.5749, -22.0989, 7.6547



89.1643, -52.3733, 45.6663



43.9244, -11.3712, 3.7456

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



88.6887, -50.5075, 15.9934



87.5827, -55.5051, 19.0002



82.3327, -30.4755, -17.9300



45.1335, -6.6990, 3.0054



62.3567, -44.8097, 18.7908



19.5101, -13.6601, 5.1023

Inverse Universe

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



57.5298, 60.1215, 4.9938



52.4721, 70.8072, 8.1706



60.7247, 43.5468, 25.9062



42.5311, 2.2237, 1.8800



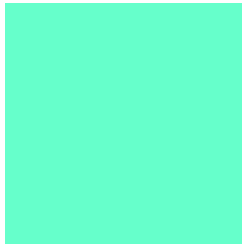
33.8976, 59.1765, 13.1764



10.6690, 18.8019, 2.7782

Previews

White Background



This preview shows how the HunterLab color 88.6885, -50.5084, 15.9940 looks on a white background.

Color Contrast Check

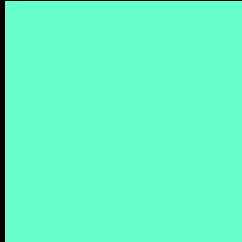
Large Text (above 18pt) WCAG AA × Fail

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 88.6885, -50.5084, 15.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

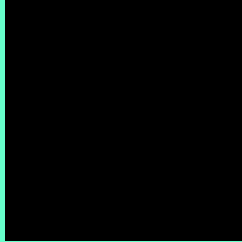
Any Text WCAG AA ✓ Pass

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 88.6885, -50.5084, 15.9940 Background



This preview shows how black text looks on a background with the HunterLab color 88.6885, -50.5084, 15.9940.



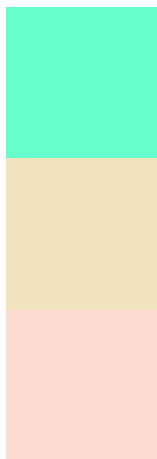
This preview shows how white text looks on a background with the HunterLab color 88.6885,

-50.5084, 15.9940.

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

88.6885, -50.5084, 15.9940

Protanopia

87.8280, -6.1693, 21.5106

Deuteranopia

87.8348, 6.0037, 12.6285



Tritanopia

88.3911, -23.3762, -9.4029

Trichromacy



Original Color

88.6885, -50.5084, 15.9940



Protanomaly

86.8393, -26.0536, 18.2067



Deuteranomaly

86.5875, -19.4330, 12.1531



Tritanomaly

88.1581, -34.3060, 0.3512

Monochromacy



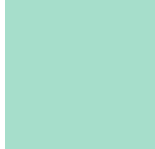
Original Color

88.6885, -50.5084, 15.9940



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 88.6885, -50.5084, 15.9940 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(102, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 203)  
}
```

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(102, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 88.6885, -50.5084, 15.9940 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(102, 255, 203) }
```


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

```
.border{ border-color:rgb(102, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 88.6885, -50.5084, 15.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 203) }
```

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

```
.background{ background-color: rgb(102,  
255, 203) }
```

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