

# Converting Colors

HunterLab(88.7157, -50.3260,  
15.6093)

Have a look what the booklet for  
HunterLab(88.7157, -50.3260,  
15.6093) contains.

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# Color

**HunterLab(88.7155,  
-50.3467, 15.6060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FFCC
RGB	102, 255, 204
RGB Percent	40%, 100%, 80%
CMY	0.6000, 0.0000, 0.2000
CMYK	0.60, 0.00, 0.20, 0.00
HSL	160°, 100%, 70%
HSV	160°, 60%, 100%
XYZ	52.1386, 78.7044, 69.5701
YIQ	203.4390, -74.8170, -48.2970

# Conversions

## Conversions Part 2

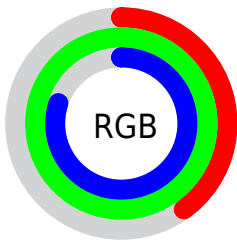
Format	Color
<a href="#">RYB</a>	<a href="#">102, 194, 255</a>
Decimal	<a href="#">6750156</a>
CIELab	<a href="#">91.10, -52.34, 12.40</a>
CIELCh	<a href="#">91, 53.784, 166.676</a>
Yxy	<a href="#">78.7048, 0.2602, 0.3927</a>
Android (android.graphics.Color)	<a href="#">4284940236 (0xFF66FFCC)</a>
YUV	<a href="#">203.4390, 0.2766, -88.9620</a>
Hunter-Lab	<a href="#">88.7155, -50.3467, 15.6060</a>

# Details

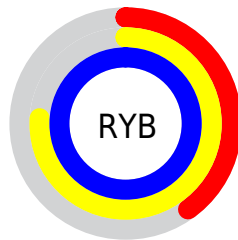
The HunterLab color **88.7155, -50.3467, 15.6060** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.5011, 59.9949, 5.4063**, and the grayscale version is **77.4890, -4.1346, 4.2101**.

A 20% lighter version of the original color is **93.1340, -30.1126, -3.3667**, and **64.9558, -43.3675, 12.9289** is the 20% darker color. If you saturate the color by 10%, you get **87.7725, -54.5868, 18.0523**, and if you desaturate by 10%, it is **89.9165, -45.1221, 13.3253**.

# Distribution



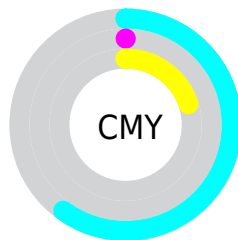
- Red (40%)
- Green (100%)
- Blue (80%)



- 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 88.7155, -50.3467, 15.6060 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 88.7155, -50.3467, 15.6060 by changing the saturation by 10% instead.





 88.7155, -50.3467,  
15.6060


 88.7155, -50.3467,  
15.6060


221.4852,  
-77.0855, 27.1381

 76.5853, -46.9926,  
14.3573


 114.6923,  
-56.7350, 18.1097

 65.0645, -43.5038,  
13.1075


 128.4907,  
-59.8040, 19.3707

 54.1875, -39.8473,  
11.8510


 142.8021,  
-62.8058, 20.6397

 43.9949, -35.9796,  
10.5805

157.6085,  
-65.7497, 21.9178

 34.5361, -31.8383,  
9.2853

172.8940,  
-68.6436, 23.2061

 25.8733, -27.3306,  
7.9487

188.6440,

 18.0877, -22.3108,

-71.4940, 24.5053

6.5422

204.8451,  
-74.3064, 25.8158

■ 11.2922, -19.7614,  
5.4290

■ 3.4905, -6.1084,  
2.4434

■ 88.7155, -50.3467,  
15.6060

■ 88.7155, -50.3467,  
15.6060

■ 87.7725, -54.5868,  
18.0523

■ 89.9165, -45.1221,  
13.3253

■ 87.0700, -57.8736,  
20.6244


■ 91.3856, -38.9219,  
11.2477


■ 86.5839, -60.2764,  
23.2739

■ 93.1290, -31.7792,  
9.4014

■ 86.2684, -61.9644,  
25.9355

■ 95.1479, -23.7505,  
7.8083

 86.2684, -61.9647,  
25.9360

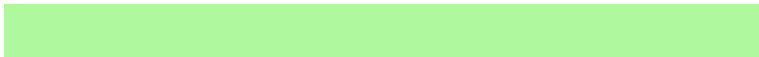
 97.4402, -14.9080,  
6.4829

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.



88.7157, -39.8576, 32.7608



88.7155, -50.3467, 15.6060



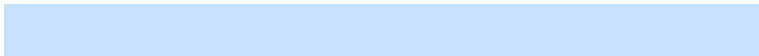
88.7157, -49.7184, -10.7653

# Triad

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



88.7157, -50.3458, 15.6054



88.7157, 10.8681, -57.7306



88.7157, 34.3194, 34.0661

# Complementary

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



88.7155, -50.3467, 15.6060



57.5011, 59.9949, 5.4063

# 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.



88.7157, 51.4906, 18.0228



88.7155, -50.3467, 15.6060



88.7157, 36.8683, -36.8267

# Square

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



88.7157, -50.3458, 15.6054



88.7157, -16.5397, -58.9742



88.7157, 52.4762, -7.4956



88.7157, 7.7140, 41.0281



# Rectangle

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



88.7155, -50.3467, 15.6060



88.7157, -43.1115, -30.5635



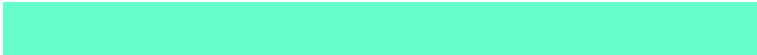
88.7157, 52.4762, -7.4956



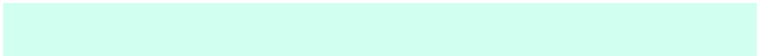
88.7157, 41.5198, 29.8213

# Sweetspot

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



88.7157, -50.3458, 15.6054



95.5842, -22.0463, 7.5217



89.0236, -52.9384, 45.5564



43.9293, -11.3429, 3.6746

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.7157, -50.3458, 15.6054



87.6133, -55.3196, 18.5586



81.4624, -29.3005, -19.1736



45.1359, -6.6861, 2.9723



62.3828, -44.6494, 18.4122



19.5178, -13.6129, 4.9908



# Inverse Universe

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



57.5011, 59.9949, 5.4063



52.4404, 70.6781, 8.6258



61.2607, 42.2507, 26.3210



42.5288, 2.2110, 1.9136



33.8764, 59.0987, 13.4851

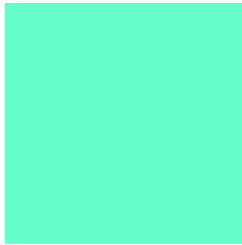


10.6616, 18.7749, 2.8850



# Previews

## White Background



This preview shows how the HunterLab color 88.7155, -50.3467, 15.6060 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

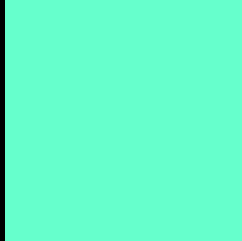
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.7155, -50.3467, 15.6060 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

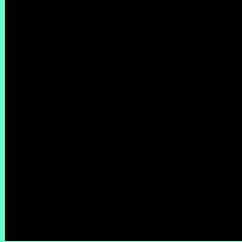
Any Text WCAG AA ✓ Pass

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 88.7155, -50.3467, 15.6060 Background



This preview shows how black text looks on a background with the HunterLab color 88.7155, -50.3467, 15.6060.



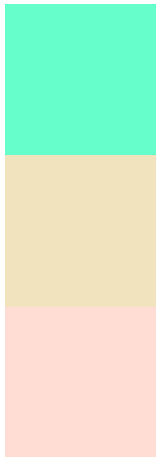
This preview shows how white text looks on a background with the HunterLab color 88.7155,

-50.3467, 15.6060.

# 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

88.7155, -50.3467, 15.6060

### Protanopia

87.8528, -6.0330, 21.1520

### Deuteranopia

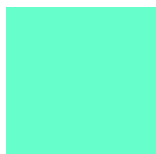
87.8635, 6.1571, 12.2175



## Tritanopia

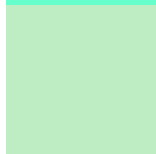
88.3911, -23.3762, -9.4029

# Trichromacy



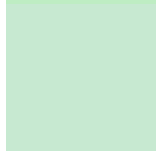
## Original Color

88.7155, -50.3467, 15.6060



## Protanomaly

86.8652, -25.9050, 17.8324



## Deuteranomaly

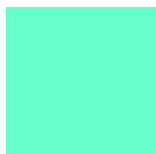
86.6160, -19.2720, 11.7440



## Tritanomaly

88.1581, -34.3060, 0.3512

# Monochromacy



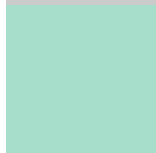
## Original Color

88.7155, -50.3467, 15.6060



## 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 88.7155, -50.3467, 15.6060 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.7155, -50.3467, 15.6060 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, 204) }
```



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

```
.border{ border-color:rgb(102, 255, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.7155, -50.3467, 15.6060 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, 204) }
```

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

```
.background{ background-color: rgb(102,  
255, 204) }
```

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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