

# Converting Colors

HunterLab(65.8735, -29.4269,  
13.6428)

Have a look what the booklet for  
HunterLab(65.8735, -29.4269,  
13.6428) contains.

|  |    |
|--|----|
| <b>HunterLab(65.8388, -29.3067, 13.6906)</b> ..... | 3  |
| <b><i>Conversions</i></b> .....                    | 4  |
| <b><i>Details</i></b> .....                        | 6  |
| <b><i>Harmonies</i></b> .....                      | 12 |
| <b><i>Previews</i></b> .....                       | 24 |
| <b><i>Color Blindness Simulation</i></b> .....     | 28 |
| <b><i>CSS Examples</i></b> .....                   | 31 |

# Color

**HunterLab(65.8388,  
-29.3067, 13.6906)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 76BF97                       |
| RGB         | 118, 191, 151                |
| RGB Percent | 46%, 75%, 59%                |
| CMY         | 0.5372, 0.2510, 0.4078       |
| CMYK        | 0.38, 0.00, 0.21, 0.25       |
| HSL         | 147°, 36%, 61%               |
| HSV         | 147°, 38%, 75%               |
| XYZ         | 31.6879, 43.3475, 35.9749    |
| YIQ         | 164.6130, -30.6680, -27.9160 |

# Conversions

## Conversions Part 2

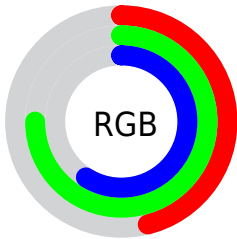
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">118, 168, 191</a>                   |
| Decimal                             | <a href="#">7782295</a>                         |
| <a href="#">CIELab</a>              | <a href="#">71.79, -31.71, 13.10</a>            |
| <a href="#">CIELCh</a>              | <a href="#">72, 34.305, 157.553</a>             |
| <a href="#">Yxy</a>                 | <a href="#">43.3493, 0.2855,<br/>0.3905</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285972375</a><br>(0xFF76BF97)      |
| <a href="#">YUV</a>                 | <a href="#">164.6130, -6.7112,<br/>-40.8796</a> |
| <a href="#">Hunter-Lab</a>          | <a href="#">65.8388, -29.3067,<br/>13.6906</a>  |

# Details

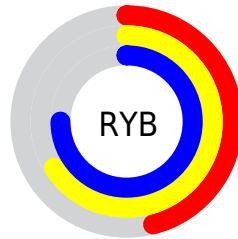
The HunterLab color  $65.8388, -29.3067, 13.6906$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $51.4809, 28.2727, -5.0392$ , and the grayscale version is  $61.2180, -3.2664, 3.3261$ .

A 20% lighter version of the original color is  $89.6810, -33.8951, 16.4828$ , and  $44.6489, -24.4608, 11.0741$  is the 20% darker color. If you saturate the color by 10%, you get  $64.6680, -34.3926, 16.3083$ , and if you desaturate by 10%, it is  $67.2160, -23.5150, 11.0732$ .

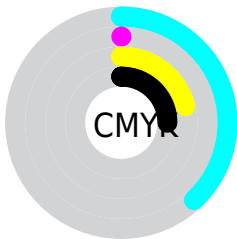
# Distribution



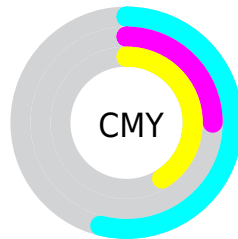
- Red (46%)
- Green (75%)
- Blue (59%)



- Red (46%)
- Yellow (66%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.8388, -29.3067, 13.6906 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 65.8388, -29.3067, 13.6906 by changing the saturation by 10% instead.



■ 65.8388, -29.3067,  
13.6906

■ 65.8388, -29.3067,  
13.6906

189.7488,  
-48.4615, 25.3706

■ 54.9174, -26.9432,  
12.3953

■ 89.5755, -33.8217,  
16.2616

■ 44.6760, -24.4791,  
11.0825

■ 102.3254,  
-36.0000, 17.5451

■ 35.1648, -21.8825,  
9.7418

■ 115.6286,  
-38.1392, 18.8317

■ 26.4446, -19.1039,  
8.3555

129.4631,  
-40.2466, 20.1234

■ 18.5953, -16.0621,  
6.8942

143.8092,  
-42.3283, 21.4220

■ 11.7268, -13.4175,  
5.6527

158.6492,

■ 4.4533, -7.7932,

-44.3888, 22.7288

3.1173

173.9672,  
-46.4321, 24.0447

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.8388, -29.3067,  
13.6906

■ 65.8388, -29.3067,  
13.6906

■ 64.6680, -34.3926,  
16.3083

■ 67.2160, -23.5150,  
11.0732

■ 63.6974, -38.7308,  
18.8915

■ 68.7949, -17.0682,  
8.4836

■ 62.9224, -42.3032,  
21.4072

■ 70.5735, -10.0307,  
5.9488

■ 62.3331, -45.1151,  
23.8211


■ 72.5467, -2.4707,  
3.4907


■ 61.9145, -47.2018,


■ 74.7077, 5.5423,


26.1000


1.1266


 61.6385, -48.6631,  
28.2060

 77.0487, 13.9412,  
-1.1305

 61.5959, -48.8924,  
28.5551

 79.5611, 22.6633,  
-3.2719

 80.3155, 25.7524,  
-7.9306

 80.7018, 27.7197,  
-13.3691

# Harmonies

## Analogous

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



65.8402, -21.0285, 22.6251



65.8388, -29.3067, 13.6906



65.8402, -31.0074, -0.3288

# Triad

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



65.8402, -29.3077, 13.6913



65.8402, 0.5241, -31.9836



65.8402, 22.3409, 18.8767

# Complementary

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



65.8388, -29.3067, 13.6906



51.4809, 28.2727, -5.0392

# 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.



65.8402, 29.3873, 7.2702



65.8388, -29.3067, 13.6906



65.8402, 16.0415, -23.6908

# Square

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



65.8402, -29.3077, 13.6913



65.8402, -14.7198, -29.1114



65.8402, 26.9796, -8.4335



65.8402, 8.4897, 25.0894



# Rectangle

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



65.8388, -29.3067, 13.6906



65.8402, -28.3441, -11.2343



65.8402, 26.9796, -8.4335



65.8402, 25.6406, 15.5992

# Sweetspot

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



65.8402, -29.3077, 13.6913



93.7149, -16.2826, 8.9536



67.7169, -23.5244, 26.3079



43.7599, -8.2424, 4.4131



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

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



65.8402, -29.3077, 13.6913



86.7593, -45.0732, 21.3039



66.8714, -23.3042, -1.0619



32.7405, -5.0485, 2.8991



49.9488, -39.5365, 22.9162



9.9522, -7.4129, 3.5630



# Inverse Universe

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



51.4809, 28.2727, -5.0392



63.8364, 47.3942, -8.2934



50.4288, 23.0952, 9.9633



31.0185, 1.7847, 0.6194



28.2159, 50.7380, -0.5072



5.6998, 10.4585, -1.7224



# Previews

## White Background



This preview shows how the HunterLab color 65.8388, -29.3067, 13.6906 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 65.8388, -29.3067, 13.6906 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

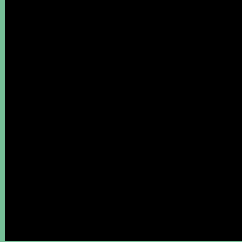
Any Text WCAG AA ✓ Pass

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 65.8388, -29.3067, 13.6906 Background



This preview shows how black text looks on a background with the HunterLab color 65.8388, -29.3067, 13.6906.



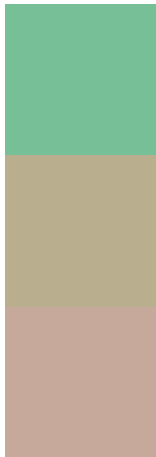
This preview shows how white text looks on a background with the HunterLab color 65.8388,

-29.3067, 13.6906.

# 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

65.8388, -29.3067, 13.6906

### Protanopia

65.5419, -4.9556, 16.7921

### Deuteranopia

65.5121, 4.5369, 11.9824



## Tritanopia

65.6290, -15.5698, -8.6462

# Trichromacy



## Original Color

65.8388, -29.3067, 13.6906

## Protanomaly

65.3453, -14.8950, 15.3306

## Deuteranomaly

65.0565, -9.2221, 12.0640

## Tritanomaly

65.7860, -21.0506, 0.2826

# Monochromacy



## Original Color

65.8388, -29.3067, 13.6906

## Achromatopsia

61.3402, -3.2730, 3.3327

## Achromatomaly

62.5348, -13.2597, 6.7695

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.8388, -29.3067, 13.6906 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(118, 191, 151)` looks like.

```
.text, #text, p{  
    color:rgb(118, 191, 151)  
}
```

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(118, 191, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 191, 151) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.8388, -29.3067, 13.6906 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(118, 191, 151) }
```



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

```
.border{ border-color:rgb(118, 191, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 191, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 191, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 191, 151);  
box-shadow:4px 4px 4px 4px rgb(118, 191,  
151) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.8388, -29.3067, 13.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 191, 151) }
```

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

```
.background{ background-color: rgb(118,  
191, 151) }
```

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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