

# Converting Colors

HunterLab(50.9883, 29.3100,  
-33.4168)

Have a look what the booklet for  
HunterLab(50.9883, 29.3100,  
-33.4168) contains.

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# Color

**HunterLab(51.0407, 29.4227,  
-33.6655)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA77CB
RGB	170, 119, 203
RGB Percent	67%, 47%, 80%
CMY	0.3333, 0.5333, 0.2039
CMYK	0.16, 0.41, 0.00, 0.20
HSL	276°, 45%, 63%
HSV	276°, 41%, 80%
XYZ	33.9539, 26.0515, 59.7389
YIQ	143.8250, 3.4320, 36.9360

# Conversions

## Conversions Part 2

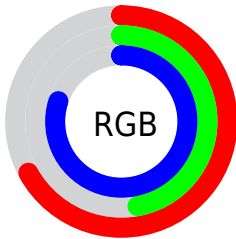
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 119, 203
Decimal	11171787
CIELab	58.09, 35.44, -35.99
CIELCh	58, 50.512, 314.554
Yxy	26.0526, 0.2836, 0.2176
Android (android.graphics.Color)	4289361867 (0xFFAA77CB)
YUV	143.8250, 29.1733, 22.9555
Hunter-Lab	51.0407, 29.4227, -33.6655

# Details

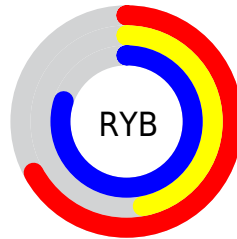
The HunterLab color **51.0407, 29.4227, -33.6655** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **71.2179, -30.3021, 28.8230**, and the grayscale version is **52.6271, -2.8081, 2.8593**.

A 20% lighter version of the original color is **72.8395, 30.5477, -31.5908**, and **31.7921, 26.7631, -32.1910** is the 20% darker color. If you saturate the color by 10%, you get **45.6767, 37.7683, -44.5325**, and if you desaturate by 10%, it is **56.8572, 21.0894, -23.5136**.

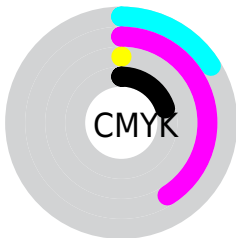
# Distribution



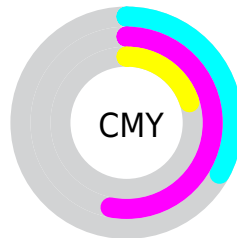
- Red (67%)
- Green (47%)
- Blue (80%)



- Red (67%)
- Yellow (47%)
- Blue (80%)



- Cyan (16%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (53%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0407, 29.4227, -33.6655 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 51.0407, 29.4227, -33.6655 by changing the saturation by 10% instead.



51.0407, 29.4227,  
-33.6655

51.0407, 29.4227,  
-33.6655

168.2380, 36.1054,  
-37.7956

41.0646, 28.2077,  
-33.0284

73.0478, 31.5095,  
-34.8955

31.8384, 26.8669,  
-32.4363

84.9977, 32.4027,  
-35.4556

23.4303, 25.3936,  
-31.9943

97.5365, 33.2067,  
-35.9690

15.9292, 23.8007,  
-31.9621

110.6375, 33.9286,  
-36.4331

9.4621, 22.1828,  
-33.1115

124.2776, 34.5744,  
-36.8472

0.0000, INF, -NF

0.0000, NaN, -NF

138.4363, 35.1495,

-37.2117

0.0000, NaN, NaN

153.0953, 35.6584,  
-37.5274

0.0000, NaN, NaN

■ 51.0407, 29.4227,  
-33.6655

■ 51.0407, 29.4227,  
-33.6655

■ 45.6767, 37.7683,  
-44.5325

■ 56.8572, 21.0894,  
-23.5136

■ 40.8574, 45.8867,  
-56.0109

■ 63.0471, 12.8817,  
-14.0586

■ 36.6966, 53.3274,  
-67.7407

■ 69.5523, 4.8356,  
-5.2215

■ 33.3129, 59.3947,  
-78.9919

■ 76.3268, -3.0490,  
3.0898

■ 30.7967, 63.2636,  
-88.6905

■ 83.3347, -10.7879,  
10.9634

■ 29.2255, 64.8028,  
-95.4797

■ 90.5478, -18.4031,  
18.4769

■ 95.9024, -22.9305,  
23.7627

■ 96.5871, -20.4309,  
24.4761

■ 97.2983, -17.8546,  
25.2129

# Harmonies

## Analogous

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



51.0417, 8.0160, -51.3877



51.0407, 29.4227, -33.6655



51.0417, 43.2285, -8.7677

# Triad

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



51.0417, 29.4216, -33.6640



51.0417, 8.6857, 27.9201



51.0417, -36.7219, -8.0533

# Complementary

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



51.0407, 29.4227, -33.6655



71.2179, -30.3021, 28.8230

# 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.



51.0417, -36.6030, 12.1314



51.0407, 29.4227, -33.6655



51.0417, -12.6475, 27.9803

# Square

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



51.0417, 29.4216, -33.6640



51.0417, 29.9809, 23.2985



51.0417, -28.4752, 23.5218



51.0417, -28.8321, -32.9593



# Rectangle

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



51.0407, 29.4227, -33.6655



51.0417, 45.0356, 5.7856



51.0417, -28.4752, 23.5218



51.0417, -37.5700, -0.4238

# Sweetspot

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



51.0417, 29.4216, -33.6640



89.3294, 7.0642, -7.6253



55.5757, -1.8206, -26.0629



40.8043, 3.9012, -4.2122

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.0417, 29.4216, -33.6640



59.5774, 48.1104, -56.5977



54.6015, 38.5846, -21.4860



33.4294, 1.5389, -1.6686



23.4300, 51.8357, -75.6431



5.7128, 12.2613, -15.5164



# Inverse Universe

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



53.0643, 31.2423, 0.0528



63.0604, 50.6750, 0.3466



69.4099, -37.0609, 24.8520



33.5938, 1.7408, 1.2818



29.0912, 51.1361, 8.5928



6.7187, 12.0204, 0.3534



# Previews

## White Background



This preview shows how the HunterLab color 51.0407, 29.4227, -33.6655 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

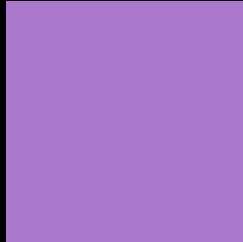
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 51.0407, 29.4227, -33.6655 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

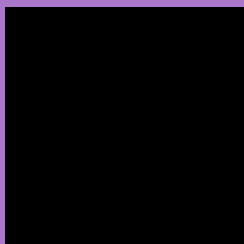
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 51.0407, 29.4227, -33.6655 Background



This preview shows how black text looks on a background with the HunterLab color 51.0407, 29.4227, -33.6655.



This preview shows how white text looks on a background with the HunterLab color 51.0407, 29.4227, -33.6655.

-33.6655.

# 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

51.0407, 29.4227, -33.6655

### Protanopia

51.2526, 7.9328, -45.0110

### Deuteranopia

51.1391, 4.2907, -31.0582



## Tritanopia

50.9206, 7.7480, 1.7153

# Trichromacy



## Original Color

51.0407, 29.4227, -33.6655

## Protanomaly

50.6704, 15.2787, -42.1691

## Deuteranomaly

50.7160, 12.8163, -32.4063

## Tritanomaly

50.7460, 15.3131, -9.4978

# Monochromacy



## Original Color

51.0407, 29.4227, -33.6655

## Achromatopsia

52.8104, -2.8178, 2.8693

## Achromatomaly

51.7850, 7.9326, -8.7077

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.0407, 29.4227, -33.6655 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(170, 119, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 119, 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(170, 119, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 119, 203) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.0407, 29.4227, -33.6655 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(170, 119, 203) }
```



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

```
.border{ border-color:rgb(170, 119, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 119, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 119, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 119, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 119,  
203) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.0407, 29.4227, -33.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 119, 203) }
```

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

```
.background{ background-color: rgb(170,  
119, 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](#).

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