

# Converting Colors

HunterLab(59.7433, -33.1321,  
17.6993)

Have a look what the booklet for  
HunterLab(59.7433, -33.1321,  
17.6993) contains.

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# Color

**HunterLab(59.9119,  
-33.3122, 17.7899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BB37B
RGB	91, 179, 123
RGB Percent	36%, 70%, 48%
CMY	0.6431, 0.2980, 0.5176
CMYK	0.49, 0.00, 0.31, 0.30
HSL	142°, 37%, 53%
HSV	142°, 49%, 70%
XYZ	24.0096, 35.8944, 24.4017
YIQ	146.3040, -34.4720, -36.0720

# Conversions

## Conversions Part 2

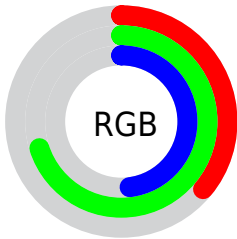
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 156, 179
Decimal	6009723
CIELab	66.44, -39.27, 20.65
CIELCh	66, 44.370, 152.258
Yxy	35.8958, 0.2848, 0.4258
Android (android.graphics.Color)	4284199803 (0xFF5BB37B)
YUV	146.3040, -11.4889, -48.5016
Hunter-Lab	59.9119, -33.3122, 17.7899

# Details

The HunterLab color **59.9119, -33.3122, 17.7899** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **43.7872, 35.8808, -9.7689**, and the grayscale version is **53.7915, -2.8702, 2.9226**.

A 20% lighter version of the original color is **82.8627, -38.5963, 20.9944**, and **39.3510, -27.1463, 14.0114** is the 20% darker color. If you saturate the color by 10%, you get **59.0111, -37.3910, 20.4201**, and if you desaturate by 10%, it is **61.0071, -28.5070, 15.0339**.

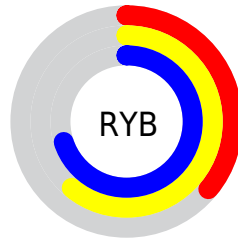
# Distribution



Red (36%)

Green (70%)

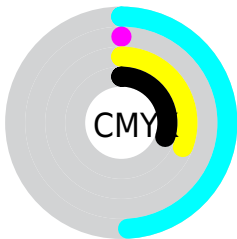
Blue (48%)



Red (36%)

Yellow (61%)

Blue (70%)

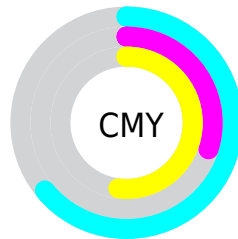


Cyan (49%)

Magenta (0%)

Yellow (31%)

Black (30%)



Cyan (64%)

Magenta (30%)


Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.9119, -33.3122, 17.7899 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 59.9119, -33.3122, 17.7899 by changing the saturation by 10% instead.





 59.9119, -33.3122,  
17.7899


 59.9119, -33.3122,  
17.7899


181.2471,  
-55.8903, 32.5959

 49.3495, -30.4195,  
16.0216


 82.9887, -38.7567,  
21.1999


 39.4921, -27.3668,  
14.1881


 95.4324, -41.3513,  
22.8621

 30.3956, -24.1021,  
12.2638


 108.4425,  
-43.8817, 24.5057

 22.1299, -20.5424,  
10.2086

 121.9953,  
-46.3590, 26.1362

 14.7890, -16.5721,  
8.1965

136.0699,  
-48.7921, 27.7575

 8.4438, -14.7766,  
5.9107

150.6477,

0.0000, NaN, NaN

-51.1879, 29.3729

0.0000, NaN, NaN

165.7118,  
-53.5524, 30.9849

0.0000, NaN, NaN

■ 59.9119, -33.3122,  
17.7899

■ 59.9119, -33.3122,  
17.7899

■ 59.0111, -37.3910,  
20.4201

■ 61.0071, -28.5070,  
15.0339

■ 58.2956, -40.7219,  
22.8897

■ 62.2952, -23.0114,  
12.1847

■ 57.7571, -43.3113,  
25.1682


■ 63.7766, -16.8791,  
9.2761


■ 57.3812, -45.1939,  
27.2283


■ 65.4481, -10.1730,  
6.3393


■ 57.1359, -46.4894,  
29.0371


■ 67.3044, -2.9604,  
3.4025

 57.1176, -46.5863,  
29.1744

 69.3391, 4.6903,  
0.4894

 71.5445, 12.7131,  
-2.3800

 73.9123, 21.0465,  
-5.1903

 76.4338, 29.6351,  
-7.9301

# Harmonies

## Analogous

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



59.9131, -22.1987, 26.5175



59.9119, -33.3122, 17.7899



59.9131, -36.6976, 1.8162

# Triad

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



59.9131, -33.3130, 17.7905



59.9131, -1.6922, -45.3952



59.9131, 32.5193, 19.5518

# Complementary

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



59.9119, -33.3122, 17.7899



43.7872, 35.8808, -9.7689

# 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.



59.9131, 39.7917, 4.6711



59.9119, -33.3122, 17.7899



59.9131, 18.5076, -36.1667

# Square

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



59.9131, -33.3130, 17.7905



59.9131, -19.9140, -38.4694



59.9131, 34.3615, -16.1679



59.9131, 15.5743, 27.2779



# Rectangle

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



59.9119, -33.3122, 17.7899



59.9131, -34.5241, -12.1451



59.9131, 34.3615, -16.1679



59.9131, 36.2686, 15.4230

# Sweetspot

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



59.9131, -33.3130, 17.7905



86.1932, -19.1671, 10.8798



62.6990, -23.5791, 28.8623



40.3562, -9.8871, 5.5062



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



59.9131, -33.3130, 17.7905



78.8821, -50.4487, 27.6117



61.0014, -26.8677, 2.1461



30.8860, -4.8545, 3.0147



48.0254, -39.0858, 24.3474



8.5858, -6.5174, 3.3376



# Inverse Universe

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



43.7872, 35.8808, -9.7689



53.6305, 58.8197, -15.0088



42.5090, 29.9209, 8.3758



29.3142, 1.7752, 0.2855



27.6445, 50.4887, -6.5286



5.0118, 9.3429, -2.6535



# Previews

## White Background



This preview shows how the HunterLab color 59.9119, -33.3122, 17.7899 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 59.9119, -33.3122, 17.7899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

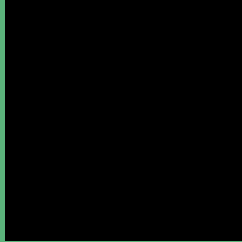
Any Text WCAG AA ✓ Pass

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 59.9119, -33.3122, 17.7899 Background



This preview shows how black text looks on a background with the HunterLab color 59.9119, -33.3122, 17.7899.



This preview shows how white text looks on a background with the HunterLab color 59.9119,

-33.3122, 17.7899.

# 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

59.9119, -33.3122, 17.7899

### Protanopia

59.3832, -5.0298, 20.3094

### Deuteranopia

59.3587, 4.2153, 16.2519



## Tritanopia

59.7950, -16.9263, -8.9622

# Trichromacy



## Original Color

59.9119, -33.3122, 17.7899



## Protanomaly

58.9789, -17.2105, 18.8113



## Deuteranomaly

58.6312, -11.8433, 15.9605



## Tritanomaly

59.7055, -23.6902, 2.4309

# Monochromacy



## Original Color

59.9119, -33.3122, 17.7899



## Achromatopsia

53.6135, -2.8607, 2.9129



## Achromatomaly

55.4295, -15.1464, 8.1709

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.9119, -33.3122, 17.7899 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(91, 179, 123)` looks like.

```
.text, #text, p{  
    color:rgb(91, 179, 123)  
}
```

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(91, 179, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 179, 123) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.9119, -33.3122, 17.7899 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(91, 179, 123) }
```



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

```
.border{ border-color:rgb(91, 179, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 179, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 179, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 179, 123);  
box-shadow:4px 4px 4px 4px rgb(91, 179,  
123) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.9119, -33.3122, 17.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 179, 123) }
```

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

```
.background{ background-color: rgb(91, 179,  
123) }
```

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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