

# Converting Colors

HunterLab(60.2386, -6.8599,  
11.8068)

Have a look what the booklet for  
HunterLab(60.2386, -6.8599,  
11.8068) contains.

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# Color

**HunterLab(60.2415, -6.8644,  
11.8134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3A48E
RGB	163, 164, 142
RGB Percent	64%, 64%, 56%
CMY	0.3608, 0.3568, 0.4431
CMYK	0.01, 0.00, 0.13, 0.36
HSL	63°, 11%, 60%
HSV	63°, 13%, 64%
XYZ	33.2622, 36.2904, 30.8428
YIQ	161.1930, 6.4660, -7.0540

# Conversions

## Conversions Part 2

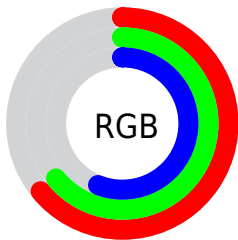
Format	Color
<a href="#">RYB</a>	<a href="#">142, 164, 143</a>
Decimal	<a href="#">10724494</a>
CIELab	<a href="#">66.74, -4.30, 11.31</a>
CIELCh	<a href="#">67, 12.097, 110.797</a>
Yxy	<a href="#">36.2920, 0.3313, 0.3615</a>
Android (android.graphics.Color)	<a href="#">4288914574</a> (0xFFA3A48E)
YUV	<a href="#">161.1930, -9.4621, 1.5847</a>
Hunter-Lab	<a href="#">60.2415, -6.8644, 11.8134</a>

# Details

The HunterLab color  $60.2415, -6.8644, 11.8134$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $52.7891, 1.2930, -6.8982$ , and the grayscale version is  $59.8150, -3.1916, 3.2499$ .

A 20% lighter version of the original color is  $83.3990, -8.5215, 14.1135$ , and  $39.6744, -5.1760, 9.2253$  is the 20% darker color. If you saturate the color by 10%, you get  $59.7966, -9.2155, 17.2472$ , and if you desaturate by 10%, it is  $60.7459, -4.2217, 5.6077$ .

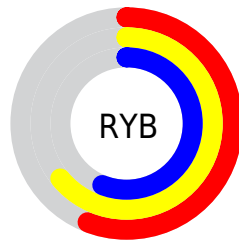
# Distribution



Red (64%)

Green (64%)

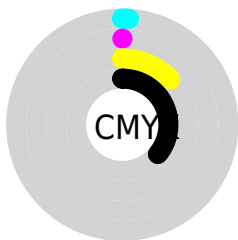
Blue (56%)



Red (56%)

Yellow (64%)

Blue (56%)

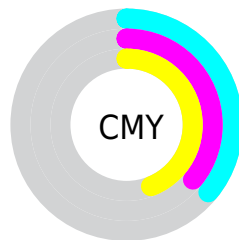


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.2415, -6.8644, 11.8134 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 60.2415, -6.8644, 11.8134 by changing the saturation by 10% instead.



60.2415, -6.8644,  
11.8134

60.2415, -6.8644,  
11.8134

181.7237,  
-15.0108, 22.7543

49.6586, -6.0674,  
10.6166

83.3562, -8.5272,  
14.1995

39.7791, -5.2894,  
9.4065

95.8173, -9.3901,  
15.3958

30.6587, -4.5303,  
8.1728

108.8441,  
-10.2746, 16.5982

22.3667, -3.7872,  
6.8970

122.4130,  
-11.1803, 17.8086

14.9961, -3.0539,  
5.5467

136.5031,  
-12.1071, 19.0284

8.6396, -2.6277,  
5.8961

151.0958,

0.0000, NaN, NaN

-13.0546, 20.2588

0.0000, NaN, NaN

166.1744,  
-14.0226, 21.5006

0.0000, NaN, NaN

■ 60.2415, -6.8644,  
11.8134

■ 60.2415, -6.8644,  
11.8134

■ 59.7966, -9.2155,  
17.2472

■ 60.7459, -4.2217,  
5.6077

■ 59.4057, -11.2717,  
21.9119

■ 61.3067, -1.2843,  
-1.3703

■ 59.0686, -13.0387,  
25.8213

■ 61.9261, 1.9425,  
-9.1113

■ 58.7828, -14.5243,  
28.9973

■ 62.6044, 5.4522,  
-17.6010

■ 58.5459, -15.7399,  
31.4710

■ 63.3416, 9.2370,  
-26.8199

■ 58.3545, -16.7008,  
33.2843

■ 64.1377, 13.2872,  
-36.7442

■ 58.2046, -17.4277,  
34.4917

■ 64.9023, 17.1281,  
-46.1343

■ 58.0912, -17.9473,  
35.1644

■ 64.9658, 17.3288,  
-46.0072

■ 58.0282, -18.2235,  
35.4377

■ 65.0296, 17.5303,  
-45.8796

# Harmonies

## Analogous

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



60.2428, -1.5452, 12.2506



60.2415, -6.8644, 11.8134



60.2428, -11.0669, 9.2034

# Triad

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



60.2428, -6.8660, 11.8142



60.2428, -9.6514, -4.9021



60.2428, 7.3963, 1.6753

# Complementary

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



60.2415, -6.8644, 11.8134



52.7891, 1.2930, -6.8982

# 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.



60.2428, 5.0553, -3.3154



60.2415, -6.8644, 11.8134



60.2428, -4.8720, -7.3272

# Square

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



60.2428, -6.8660, 11.8142



60.2428, -12.6352, -0.3404



60.2428, 0.5197, -6.7222



60.2428, 6.8165, 6.6872



# Rectangle

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



60.2415, -6.8644, 11.8134



60.2428, -12.7279, 6.4434



60.2428, 0.5197, -6.7222



60.2428, 6.9219, -0.0666

# Sweetspot

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



60.2428, -6.8660, 11.8142



81.7926, -5.9348, 8.1383



54.2322, 3.7565, 5.5050



38.2196, -2.9008, 4.1023



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854



# Same Dimension

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



60.2428, -6.8660, 11.8142



80.9807, -10.2041, 18.1352



59.3353, -10.1030, 10.8131



28.6718, -2.7529, 4.4260



50.8163, -15.9357, 31.0338



7.3978, -2.1920, 4.5201



# Inverse Universe

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



52.7891, 1.2930, -6.8982



68.8200, 3.1333, -12.4627



53.7318, 4.4705, -5.5697



26.2195, -0.0741, -1.7161



14.4842, 38.9931, -100.6273



2.2008, 5.7311, -13.7876



# Previews

## White Background



This preview shows how the HunterLab color 60.2415, -6.8644, 11.8134 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

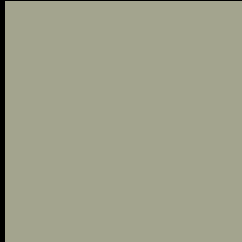
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 60.2415, -6.8644, 11.8134 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

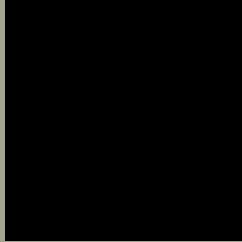
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

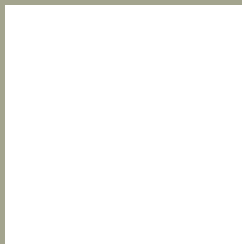
Any Text WCAG AAA ✓ Pass

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

## HunterLab 60.2415, -6.8644, 11.8134 Background



This preview shows how black text looks on a background with the HunterLab color 60.2415, -6.8644, 11.8134.



This preview shows how white text looks on a background with the HunterLab color 60.2415, -6.8644,



# 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

60.2415, -6.8644, 11.8134

### Protanopia

60.2576, -3.8279, 12.2688

### Deuteranopia

60.0873, 4.5546, 11.0698



## Tritanopia

60.2791, 0.9783, -1.2285

# Trichromacy



## Original Color

60.2415, -6.8644, 11.8134

## Protanomaly

60.2768, -5.2691, 12.2633

## Deuteranomaly

60.1054, 0.2059, 11.4062

## Tritanomaly

60.1414, -1.6530, 3.7891

# Monochromacy



## Original Color

60.2415, -6.8644, 11.8134

## Achromatopsia

59.6993, -3.1854, 3.2436

## Achromatomaly

59.8792, -4.4677, 6.5480

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 60.2415, -6.8644, 11.8134 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(163, 164, 142)` looks like.

```
.text, #text, p{  
    color:rgb(163, 164, 142)  
}
```

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(163, 164, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 164, 142) }
```

## Border

The CSS property to change the border of an element to HunterLab 60.2415, -6.8644, 11.8134 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(163, 164, 142) }
```



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

```
.border{ border-color:rgb(163, 164, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 164, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 164, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 164, 142);  
box-shadow:4px 4px 4px 4px rgb(163, 164,  
142) }
```

# Background

The CSS property to change the background color of an element to HunterLab 60.2415, -6.8644, 11.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 164, 142) }
```

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

```
.background{ background-color: rgb(163,  
164, 142) }
```

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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