

# Converting Colors

HunterLab(61.2391, -4.1307,  
31.6956)

Have a look what the booklet for  
HunterLab(61.2391, -4.1307,  
31.6956) contains.

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# Color

**HunterLab(61.2218, -4.3530,  
31.7109)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDA348
RGB	189, 163, 72
RGB Percent	74%, 64%, 28%
CMY	0.2588, 0.3608, 0.7176
CMYK	0.00, 0.14, 0.62, 0.26
HSL	47°, 47%, 51%
HSV	47°, 62%, 74%
XYZ	35.2532, 37.4811, 11.5075
YIQ	160.4000, 44.7070, -22.7890

# Conversions

## Conversions Part 2

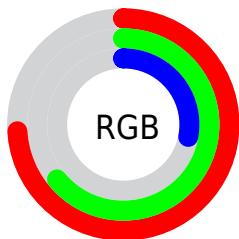
Format	Color
<a href="#">RYB</a>	<a href="#">105, 189, 72</a>
Decimal	<a href="#">12428104</a>
<a href="#">CIELab</a>	<a href="#">67.64, -1.26, 49.64</a>
<a href="#">CIELCh</a>	<a href="#">68, 49.658, 91.454</a>
<a href="#">Yxy</a>	<a href="#">37.4829, 0.4185, 0.4449</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290618184 (0xFFBDA348)</a>
<a href="#">YUV</a>	<a href="#">160.4000, -43.5812, 25.0822</a>
<a href="#">Hunter-Lab</a>	<a href="#">61.2218, -4.3530, 31.7109</a>

# Details

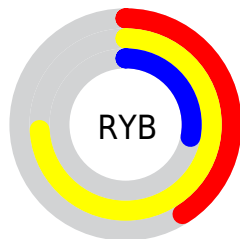
The HunterLab color **61.2218, -4.3530, 31.7109** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **37.1306, 13.0227, -53.7683**, and the grayscale version is **59.6146, -3.1809, 3.2390**.

A 20% lighter version of the original color is **84.5899, -5.7620, 38.6575**, and **40.7659, -3.1373, 24.2325** is the 20% darker color. If you saturate the color by 10%, you get **59.8384, -3.3061, 33.4646**, and if you desaturate by 10%, it is **62.6776, -5.0921, 29.1907**.

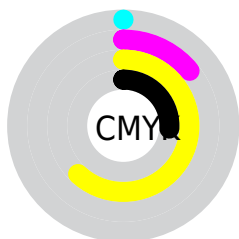
# Distribution



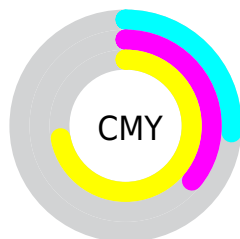
- Red (74%)
- Green (64%)
- Blue (28%)



- Red (41%)
- Yellow (74%)
- Blue (28%)



- Cyan (0%)
- Magenta (14%)
- Yellow (62%)
- Black (26%)



- Cyan (26%)
- Magenta (36%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.2218, -4.3530, 31.7109 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 61.2218, -4.3530, 31.7109 by changing the saturation by 10% instead.



61.2218, -4.3530,  
31.7109

61.2218, -4.3530,  
31.7109

183.1383,  
-11.3484, 59.5686

50.5782, -3.7194,  
28.0298

84.4481, -5.7195,  
38.5797

40.6336, -3.1160,  
24.1370

96.9610, -6.4452,  
41.8197

31.4426, -2.5469,  
19.9924

110.0372, -7.1984,  
44.9576

23.0731, -2.0139,  
16.1512

123.6536, -7.9783,  
48.0088

15.6154, -1.5188,  
10.9308

137.7894, -8.7840,  
50.9859

9.1954, -1.0883,  
6.4367

152.4263, -9.6147,

0.0000, NaN, NaN

53.8994

0.0000, NaN, NaN

167.5476,  
-10.4698, 56.7578

0.0000, NaN, NaN

■ 61.2218, -4.3530,  
31.7109

■ 61.2218, -4.3530,  
31.7109

■ 59.8384, -3.3061,  
33.4646

■ 62.6776, -5.0921,  
29.1907

■ 58.5213, -1.9584,  
34.4774

■ 64.2018, -5.5089,  
25.8931

■ 57.2687, -0.3365,  
34.8031

■ 65.7959, -5.6041,  
21.8229

■ 56.2925, 1.1221,  
34.7068

■ 67.4588, -5.3802,  
16.9940

■ 69.1895, -4.8429,  
11.4272

■ 70.9864, -4.0004,  
5.1489

■ 72.8478, -2.8627,  
-1.8115

■ 74.7716, -1.4411,  
-9.4222

■ 76.7561, 0.2522,  
-17.6502

# Harmonies

## Analogous

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



61.2233, 18.6209, 29.4443



61.2218, -4.3530, 31.7109



61.2233, -24.0965, 28.9338

# Triad

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



61.2233, -4.3554, 31.7115



61.2233, -35.7517, -22.0318



61.2233, 39.1812, -19.5661

# Complementary

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



61.2218, -4.3530, 31.7109



37.1306, 13.0227, -53.7683

# 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.



61.2233, 20.7763, -42.7329



61.2218, -4.3530, 31.7109



61.2233, -22.4607, -44.4790

# Square

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



61.2233, -4.3554, 31.7115



61.2233, -40.5416, 2.2873



61.2233, -2.1769, -53.1496



61.2233, 45.8187, 4.3597



# Rectangle

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



61.2218, -4.3530, 31.7109



61.2233, -33.3536, 23.7069



61.2233, -2.1769, -53.1496



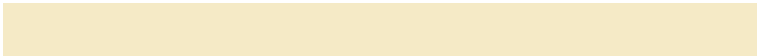
61.2233, 34.0468, -27.9614

# Sweetspot

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



61.2233, -4.3554, 31.7115



90.8726, -7.0533, 20.9001



40.4481, 42.0591, 8.2459



41.8374, -3.3451, 10.6315



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



61.2233, -4.3554, 31.7115



79.4928, -3.8756, 45.3365



66.4167, -26.3873, 34.9903



32.7888, -2.1924, 4.6574



46.3017, 0.7006, 28.5432



9.6449, -0.6726, 5.9314



# Inverse Universe

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



37.1306, 13.0227, -53.7683



41.8789, 26.8005, -95.7999



33.4735, 32.7127, -64.0761



30.9192, -1.0894, -1.4316



19.1875, 29.5416, -87.7545

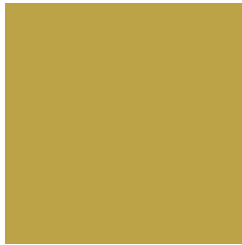


4.9439, 2.7529, -12.1222



# Previews

## White Background



This preview shows how the HunterLab color 61.2218, -4.3530, 31.7109 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

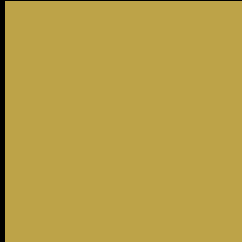
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 61.2218, -4.3530, 31.7109 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 61.2218, -4.3530, 31.7109 Background



This preview shows how black text looks on a background with the HunterLab color 61.2218, -4.3530, 31.7109.



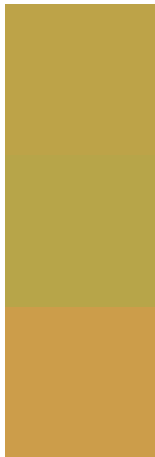
This preview shows how white text looks on a background with the HunterLab color 61.2218, -4.3530,



# 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

61.2218, -4.3530, 31.7109

### Protanopia

61.2034, -7.4019, 31.4774

### Deuteranopia

61.1929, 4.3269, 31.5054



## Tritanopia

61.1305, 13.3503, 3.3765

# Trichromacy



## Original Color

61.2218, -4.3530, 31.7109

## Protanomaly

61.1116, -6.2166, 31.4324

## Deuteranomaly

61.1714, 1.3663, 31.6080

## Tritanomaly

61.0098, 5.5874, 16.8243

# Monochromacy



## Original Color

61.2218, -4.3530, 31.7109

## Achromatopsia

59.2902, -3.1636, 3.2213

## Achromatomaly

59.7546, -4.6909, 16.4751

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.2218, -4.3530, 31.7109 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(189, 163, 72)` looks like.

```
.text, #text, p{  
    color:rgb(189, 163, 72)  
}
```

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(189, 163, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 163, 72) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.2218, -4.3530, 31.7109 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(189, 163, 72) }
```



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

```
.border{ border-color:rgb(189, 163, 72) }
```

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

Here you see how a box with a 4 pixel rgb(189, 163, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 163, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 163, 72);  
box-shadow:4px 4px 4px 4px rgb(189, 163,  
72) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.2218, -4.3530, 31.7109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 163, 72) }
```

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

```
.background{ background-color: rgb(189,  
163, 72) }
```

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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