

# Converting Colors

HunterLab(68.2020, -21.3683,  
36.6038)

Have a look what the booklet for  
HunterLab(68.2020, -21.3683,  
36.6038) contains.

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# Color

**HunterLab(68.1903,  
-21.3707, 36.6064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BE46
RGB	176, 190, 70
RGB Percent	69%, 75%, 27%
CMY	0.3098, 0.2549, 0.7255
CMYK	0.07, 0.00, 0.63, 0.25
HSL	67°, 48%, 51%
HSV	67°, 63%, 75%
XYZ	37.4234, 46.4992, 12.7971
YIQ	172.1340, 30.1760, -40.2880

# Conversions

## Conversions Part 2

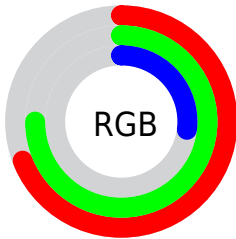
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 190, 84
Decimal	11583046
CIELab	73.87, -20.90, 56.98
CIELCh	74, 60.689, 110.140
Yxy	46.5013, 0.3869, 0.4808
Android (android.graphics.Color)	4289773126 (0xFFB0BE46)
YUV	172.1340, -50.3521, 3.3905
Hunter-Lab	68.1903, -21.3707, 36.6064

# Details

The HunterLab color **68.1903, -21.3707, 36.6064** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.5973, 30.2458, -71.4162**, and the grayscale version is **64.4794, -3.4405, 3.5033**.

A 20% lighter version of the original color is **92.1191, -24.5503, 44.0604**, and **46.7925, -18.1094, 28.3343** is the 20% darker color. If you saturate the color by 10%, you get **67.8540, -22.9386, 38.6728**, and if you desaturate by 10%, it is **68.5864, -19.4953, 33.7505**.

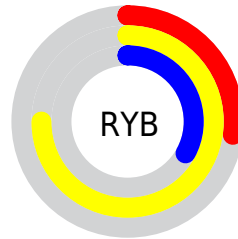
# Distribution



Red (69%)

Green (75%)

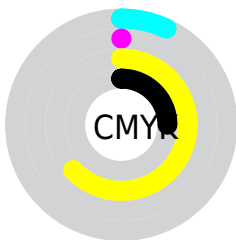
Blue (27%)



Red (27%)

Yellow (75%)

Blue (33%)

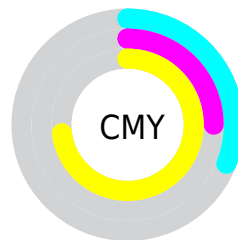


Cyan (7%)

Magenta (0%)

Yellow (63%)

Black (25%)



Cyan (31%)

Magenta (25%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1903, -21.3707, 36.6064 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 68.1903, -21.3707, 36.6064 by changing the saturation by 10% instead.



68.1903, -21.3707,  
36.6064

68.1903, -21.3707,  
36.6064

193.0856,  
-36.0925, 67.3654

57.1328, -19.6519,  
32.5620

92.1785, -24.7245,  
44.1826

46.7461, -17.8860,  
28.3050

105.0453,  
-26.3706, 47.7634

37.0786, -16.0577,  
23.8025

118.4607,  
-28.0040, 51.2326

28.1882, -14.1405,  
19.5232

132.4031,  
-29.6286, 54.6057

20.1501, -12.0917,  
14.1050

146.8532,  
-31.2475, 57.8956

13.0665, -9.8346,  
9.1465

161.7939,

6.5452, -11.4541,

-32.8631, 61.1130

4.5816

177.2094,  
-34.4776, 64.2670

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1903, -21.3707,  
36.6064

■ 68.1903, -21.3707,  
36.6064

■ 67.8540, -22.9386,  
38.6728

■ 68.5864, -19.4953,  
33.7505

■ 67.5683, -24.2157,  
40.0121

■ 69.0415, -17.2897,  
30.0558

■ 67.3287, -25.2358,  
40.7105

■ 69.5601, -14.7449,  
25.4889

■ 67.1827, -25.8345,  
40.9454

■ 70.1445, -11.8545,  
20.0274

■ 70.7966, -8.6164,

13.6597

■ 71.5177, -5.0318,  
6.3837

■ 72.3086, -1.1056,  
-1.7942

■ 73.1698, 3.1548,  
-10.8600

■ 74.1015, 7.7396,  
-20.7935

# Harmonies

## Analogous

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



68.1919, 5.9218, 37.5385



68.1903, -21.3707, 36.6064



68.1919, -40.5638, 29.2388

# Triad

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



68.1919, -21.3728, 36.6069



68.1919, -35.1110, -49.1284



68.1919, 58.6261, -5.7538

# Complementary

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



68.1903, -21.3707, 36.6064



31.5973, 30.2458, -71.4162

# 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.



68.1919, 43.3188, -38.4598



68.1903, -21.3707, 36.6064



68.1919, -12.7065, -69.4467

# Square

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



68.1919, -21.3728, 36.6069



68.1919, -47.5531, -16.6080



68.1919, 16.1083, -64.8997



68.1919, 55.2872, 19.2281



# Rectangle

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



68.1903, -21.3707, 36.6064



68.1919, -47.6190, 19.0505



68.1919, 16.1083, -64.8997



68.1919, 55.4065, -16.3034

# Sweetspot

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



68.1919, -21.3728, 36.6069



94.7501, -14.3352, 23.8046



42.1084, 34.4596, 18.3909



44.2845, -7.2929, 12.2757



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.



68.1919, -21.3728, 36.6069



91.1751, -31.6233, 52.9051



64.0191, -37.5235, 33.4245



33.2603, -3.4129, 5.1464



54.8022, -20.9890, 33.4014



10.9207, -3.8717, 6.6615



# Inverse Universe

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



31.5973, 30.2458, -71.4162



34.1545, 54.3958, -131.2489



37.4544, 44.0085, -53.2704



30.4586, 0.1278, -2.0036



16.1402, 42.9563, -108.2957



3.4623, 8.7260, -19.4419



# Previews

## White Background



This preview shows how the HunterLab color 68.1903, -21.3707, 36.6064 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 68.1903, -21.3707, 36.6064 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

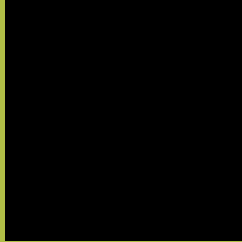
Any Text WCAG AA ✓ Pass

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 68.1903, -21.3707, 36.6064 Background



This preview shows how black text looks on a background with the HunterLab color 68.1903, -21.3707, 36.6064.



This preview shows how white text looks on a background with the HunterLab color 68.1903, -21.3707, 36.6064.

-21.3707, 36.6064.

# 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

68.1903, -21.3707, 36.6064

### Protanopia

68.1394, -8.8831, 37.0731

### Deuteranopia

67.8487, 5.2002, 35.9241



## Tritanopia

68.0720, 1.9523, -1.4557

# Trichromacy



## Original Color

68.1903, -21.3707, 36.6064

## Protanomaly

68.1653, -13.4559, 36.8704

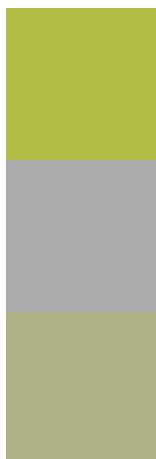
## Deuteranomaly

67.8233, -5.2894, 36.0364

## Tritanomaly

67.6641, -8.0360, 17.0041

# Monochromacy



## Original Color

68.1903, -21.3707, 36.6064

## Achromatopsia

64.2295, -3.4271, 3.4897

## Achromatomaly

65.4780, -11.7391, 19.3863

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.1903, -21.3707, 36.6064 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(176, 190, 70)` looks like.

```
.text, #text, p{  
    color:rgb(176, 190, 70)  
}
```

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(176, 190, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 190, 70) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.1903, -21.3707, 36.6064 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(176, 190, 70) }
```



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

```
.border{ border-color:rgb(176, 190, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 190, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 190, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 190, 70);  
box-shadow:4px 4px 4px 4px rgb(176, 190,  
70) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.1903, -21.3707, 36.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 190, 70) }
```

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

```
.background{ background-color: rgb(176,  
190, 70) }
```

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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