

# Converting Colors

HunterLab(71.3493, -17.0009,  
32.6679)

Have a look what the booklet for  
HunterLab(71.3493, -17.0009,  
32.6679) contains.

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# Color

**HunterLab(71.3225,  
-17.0694, 32.5398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDC369
RGB	189, 195, 105
RGB Percent	74%, 76%, 41%
CMY	0.2588, 0.2353, 0.5882
CMYK	0.03, 0.00, 0.46, 0.24
HSL	64°, 43%, 59%
HSV	64°, 46%, 76%
XYZ	43.0512, 50.8690, 20.9143
YIQ	182.9460, 25.3140, -29.2620

# Conversions

## Conversions Part 2

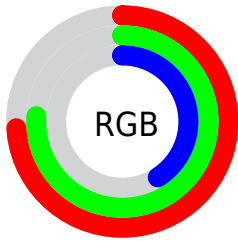
Format	Color
<a href="#">RYB</a>	<a href="#">105, 195, 111</a>
Decimal	<a href="#">12436329</a>
CIELab	<a href="#">76.60, -15.15, 44.26</a>
CIELCh	<a href="#">77, 46.780, 108.896</a>
Yxy	<a href="#">50.8713, 0.3749, 0.4430</a>
Android (android.graphics.Color)	<a href="#">4290626409 (0xFFBDC369)</a>
YUV	<a href="#">182.9460, -38.4274, 5.3094</a>
Hunter-Lab	<a href="#">71.3225, -17.0694, 32.5398</a>

# Details

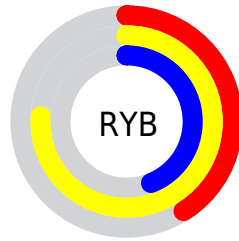
The HunterLab color  $71.3225, -17.0694, 32.5398$  is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be  $41.7422, 18.7166, -47.2895$ , and the grayscale version is  $68.9408, -3.6785, 3.7457$ .

A 20% lighter version of the original color is  $95.5181, -19.4755, 38.4380$ , and  $49.3806, -14.0400, 25.9919$  is the 20% darker color. If you saturate the color by 10%, you get  $70.9574, -18.9209, 36.1235$ , and if you desaturate by 10%, it is  $71.7541, -14.8767, 28.0594$ .

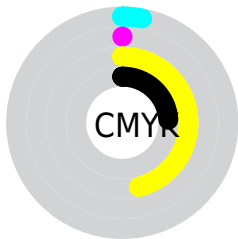
# Distribution



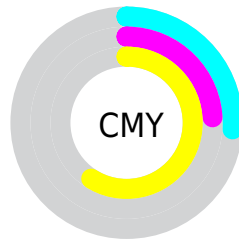
- Red (74%)
- Green (76%)
- Blue (41%)



- Red (41%)
- Yellow (76%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.3225, -17.0694, 32.5398 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 71.3225, -17.0694, 32.5398 by changing the saturation by 10% instead.



■ 71.3225, -17.0694,  
32.5398

■ 71.3225, -17.0694,  
32.5398

197.5003,  
-29.5270, 57.3173

■ 60.0884, -15.6768,  
29.3614

■ 95.6371, -19.8325,  
38.5365

■ 49.5139, -14.2636,  
26.0256

■ 108.6561,  
-21.2073, 41.3935

■ 39.6447, -12.8221,  
22.4965

■ 122.2174,  
-22.5825, 44.1767

■ 30.5354, -11.3371,  
18.7292

■ 136.3003,  
-23.9603, 46.8972

■ 22.2558, -9.7844,  
15.2801

150.8860,  
-25.3424, 49.5644

■ 14.8991, -8.1215,  
10.4293

165.9578,

■ 8.5485, -8.1788,

-26.7302, 52.1861

5.9840

181.5005,  
-28.1248, 54.7686

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.3225, -17.0694,  
32.5398

■ 71.3225, -17.0694,  
32.5398

■ 70.9574, -18.9209,  
36.1235

■ 71.7541, -14.8767,  
28.0594

■ 70.6505, -20.4396,  
38.8510

■ 72.2502, -12.3260,  
22.6506

■ 70.3989, -21.6487,  
40.7797

■ 72.8147, -9.4136,  
16.2956

■ 70.1974, -22.5759,  
41.9843


■ 73.4493, -6.1378,  
8.9862

■ 70.0388, -23.2604,

■ 74.1555, -2.5002,

42.5680

0.7235

 69.9835, -23.4919,  
42.7122

 74.9340, 1.4941,  
-8.4828

 75.7853, 5.8374,  
-18.6157

 76.4530, 9.1606,  
-26.0988

 76.5702, 9.5474,  
-25.9076

# Harmonies

## Analogous

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



71.3241, 4.5713, 33.2735



71.3225, -17.0694, 32.5398



71.3241, -33.1210, 25.6945

# Triad

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



71.3241, -17.0716, 32.5404



71.3241, -29.6812, -33.8435



71.3241, 42.9261, -4.3609

# Complementary

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



71.3225, -17.0694, 32.5398



41.7422, 18.7166, -47.2895

# 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.



71.3241, 31.1644, -28.1809



71.3225, -17.0694, 32.5398



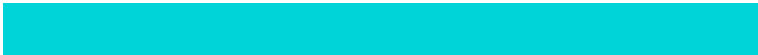
71.3241, -11.8203, -48.3465

# Square

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



71.3241, -17.0716, 32.5404



71.3241, -39.7647, -10.5077



71.3241, 10.4985, -46.0059



71.3241, 41.0728, 15.7851



# Rectangle

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



71.3225, -17.0694, 32.5398



71.3241, -39.3205, 16.9722



71.3241, 10.4985, -46.0059



71.3241, 40.3815, -12.2824

# Sweetspot

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



71.3241, -17.0716, 32.5404



97.6013, -11.7866, 20.0129



48.9819, 26.3107, 14.4650



45.5905, -5.9462, 10.3175

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.3241, -17.0716, 32.5404



94.9723, -25.2529, 48.2149



67.8101, -30.3038, 29.5677



34.2389, -3.3795, 5.3467



56.4314, -18.8899, 34.4421



11.7746, -3.7593, 7.1896



# Inverse Universe

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



41.7422, 18.7166, -47.2895



48.1696, 33.4097, -83.5505



45.9482, 30.7499, -37.7738



31.2720, 0.0089, -2.1256



16.2177, 43.5634, -111.9235



3.5344, 9.1833, -21.9832



# Previews

## White Background



This preview shows how the HunterLab color 71.3225, -17.0694, 32.5398 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

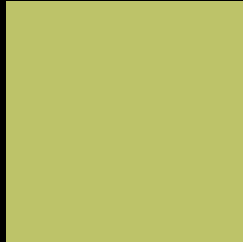
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.3225, -17.0694, 32.5398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

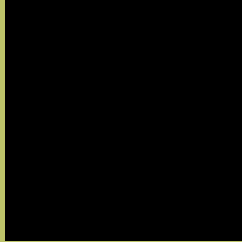
Any Text WCAG AA ✓ Pass

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 71.3225, -17.0694, 32.5398 Background



This preview shows how black text looks on a background with the HunterLab color 71.3225, -17.0694, 32.5398.



This preview shows how white text looks on a background with the HunterLab color 71.3225,

-17.0694, 32.5398.

# 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

71.3225, -17.0694, 32.5398

### Protanopia

71.2631, -7.8410, 33.0987

### Deuteranopia

71.1123, 5.3632, 31.8503



## Tritanopia

71.0961, 3.6329, -1.1875

# Trichromacy



## Original Color

71.3225, -17.0694, 32.5398

## Protanomaly

71.1889, -11.2031, 32.7625

## Deuteranomaly

70.8715, -2.9286, 31.7505

## Tritanomaly

70.9120, -5.0816, 13.8436

# Monochromacy



## Original Color

71.3225, -17.0694, 32.5398

## Achromatopsia

68.8136, -3.6717, 3.7388

## Achromatomaly

69.4417, -9.2067, 16.1515

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.3225, -17.0694, 32.5398 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, 195, 105)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 105)  
}
```

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, 195, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 105) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.3225, -17.0694, 32.5398 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, 195, 105) }
```



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

```
.border{ border-color:rgb(189, 195, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 195, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 105);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
105) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.3225, -17.0694, 32.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 105) }
```

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

```
.background{ background-color: rgb(189,  
195, 105) }
```

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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