

# Converting Colors

HunterLab(66.5243, -17.8716,  
40.6791)

Have a look what the booklet for  
HunterLab(66.5243, -17.8716,  
40.6791) contains.

<b>HunterLab(66.6868, -17.9116, 40.7785)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(66.6868,  
-17.9116, 40.7785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8B800
RGB	184, 184, 0
RGB Percent	72%, 72%, 0%
CMY	0.2784, 0.2784, 0.9999
CMYK	0.00, 0.00, 1.00, 0.28
HSL	60°, 100%, 36%
HSV	60°, 100%, 72%
XYZ	36.9076, 44.4713, 6.6386
YIQ	163.0240, 59.0640, -57.2240

# Conversions

## Conversions Part 2

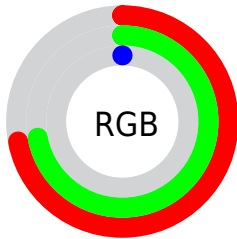
Format	Color
<a href="#">RYB</a>	<a href="#">0, 184, 0</a>
Decimal	<a href="#">12105728</a>
CIELab	<a href="#">72.54, -16.87, 73.94</a>
CIElCh	<a href="#">73, 75.842, 102.854</a>
Yxy	<a href="#">44.4734, 0.4193, 0.5053</a>
Android (android.graphics.Color)	<a href="#">4290295808 (0xFFB8B800)</a>
YUV	<a href="#">163.0240, -80.3708, 18.3960</a>
Hunter-Lab	<a href="#">66.6868, -17.9116, 40.7785</a>

# Details

The HunterLab color **66.6868, -17.9116, 40.7785** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **18.6051, 50.4571, -132.1721**, and the grayscale version is **60.8328, -3.2459, 3.3052**.

A 20% lighter version of the original color is **90.6270, -20.8892, 50.5131**, and **45.4623, -13.9089, 27.7702** is the 20% darker color. If you saturate the color by 10%, you get **66.6883, -17.9141, 40.7794**, and if you desaturate by 10%, it is **66.7222, -17.7217, 40.2789**.

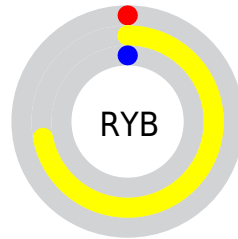
# Distribution



Red (72%)

Green (72%)

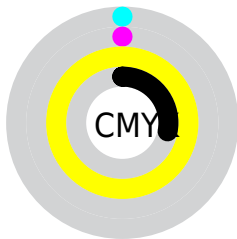
Blue (0%)



Red (0%)

Yellow (72%)

Blue (0%)

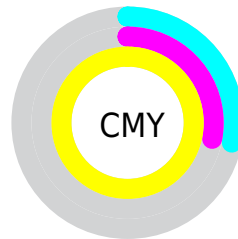


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6868, -17.9116, 40.7785 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 66.6868, -17.9116, 40.7785 by changing the saturation by 10% instead.



66.6868, -17.9116,  
40.7785

66.6868, -17.9116,  
40.7785

190.9546,  
-31.0436, 79.5961

55.7161, -16.4161,  
35.6357

90.5150, -20.8567,  
50.4272

45.4219, -14.8890,  
30.2573

103.3073,  
-22.3134, 54.9771

35.8537, -13.3189,  
25.0976

116.6513,  
-23.7656, 59.3725

27.0716, -11.6848,  
18.9501

130.5249,  
-25.2164, 63.6319

19.1533, -9.9520,  
13.4073

144.9088,  
-26.6679, 67.7711

12.2062, -8.0568,  
8.5443

159.7853,

5.3067, -9.2867,

-28.1220, 71.8039

3.7147

175.1387,  
-29.5802, 75.7421

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.6868, -17.9116,  
40.7785

■ 66.6868, -17.9116,  
40.7785

■ 66.6883, -17.9141,  
40.7794

■ 66.7222, -17.7217,  
40.2789

■ 66.7877, -17.3492,  
39.3098

■ 66.8966, -16.7307,  
37.7003

■ 67.0544, -15.8361,  
35.3718

■ 67.2657, -14.6419,

32.2632

■ 67.5343, -13.1298,  
28.3271

■ 67.8632, -11.2863,  
23.5279

■ 68.2551, -9.1018,  
17.8408

■ 68.7120, -6.5707,  
11.2510

# Harmonies

## Analogous

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



66.6884, 17.5106, 40.4420



66.6868, -17.9116, 40.7785



66.6884, -43.5163, 35.6165

# Triad

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



66.6884, -17.9140, 40.7789



66.6884, -46.1555, -56.4162



66.6884, 73.9044, -18.1915

# Complementary

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



66.6868, -17.9116, 40.7785



18.6051, 50.4571, -132.1721

# 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.



66.6884, 48.7931, -62.6183



66.6868, -17.9116, 40.7785



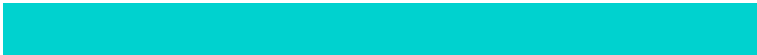
66.6884, -22.3046, -91.3938

# Square

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



66.6884, -17.9140, 40.7789



66.6884, -57.4046, -12.2802



66.6884, 12.1169, -94.1162



66.6884, 75.7614, 16.3850



# Rectangle

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



66.6868, -17.9116, 40.7785



66.6884, -53.5948, 26.7709



66.6884, 12.1169, -94.1162



66.6884, 67.6978, -32.7824

# Sweetspot

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



66.6884, -17.9140, 40.7789



91.3430, -15.3337, 32.0371



31.9241, 54.6675, 20.6274



42.3211, -7.6227, 16.1849



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



66.6884, -17.9140, 40.7789



89.7859, -24.1188, 54.9034



60.4641, -42.1737, 36.5188



32.4089, -3.0140, 5.0864



55.3614, -14.8714, 33.8531



10.3945, -2.7921, 6.3561



# Inverse Universe

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



18.6051, 50.4571, -132.1721



25.0470, 67.9397, -177.9677



23.9527, 55.4635, -96.5247



29.5288, -0.1655, -2.0456



15.4438, 41.8911, -109.7332



2.8998, 7.8654, -20.6024



# Previews

## White Background



This preview shows how the HunterLab color 66.6868, -17.9116, 40.7785 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 66.6868, -17.9116, 40.7785 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 66.6868, -17.9116, 40.7785 Background



This preview shows how black text looks on a background with the HunterLab color 66.6868, -17.9116, 40.7785.



This preview shows how white text looks on a background with the HunterLab color 66.6868,

-17.9116, 40.7785.

# 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

66.6868, -17.9116, 40.7785

### Protanopia

66.5269, -9.0762, 40.8347

### Deuteranopia

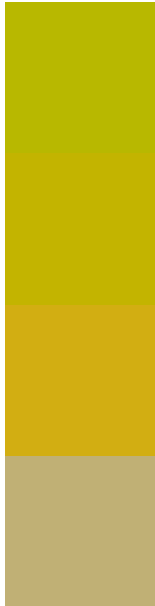
66.6838, 4.9614, 40.2003



## Tritanopia

66.5750, 6.7737, 0.7565

# Trichromacy



## Original Color

66.6868, -17.9116, 40.7785

## Protanomaly

66.5166, -12.2105, 40.7735

## Deuteranomaly

66.3456, -3.5803, 40.3078

## Tritanomaly

65.9860, -5.9872, 25.4336

# Monochromacy



## Original Color

66.6868, -17.9116, 40.7785

## Achromatopsia

60.5188, -3.2291, 3.2881

## Achromatomaly

62.2762, -11.9425, 25.6965

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 66.6868, -17.9116, 40.7785 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(184, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 0)  
}
```

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(184, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 66.6868, -17.9116, 40.7785 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(184, 184, 0) }
```



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

```
.border{ border-color:rgb(184, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 66.6868, -17.9116, 40.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 0) }
```

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

```
.background{ background-color: rgb(184,  
184, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor