

Converting Colors

HunterLab(65.5783, -8.8655,
33.8532)

Have a look what the booklet for
HunterLab(65.5783, -8.8655,
33.8532) contains.

HunterLab(65.5164, -8.7868, 33.8631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(65.5164, -8.7868,
33.8631)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B04D
RGB	193, 176, 77
RGB Percent	76%, 69%, 30%
CMY	0.2431, 0.3098, 0.6980
CMYK	0.00, 0.09, 0.60, 0.24
HSL	51°, 48%, 53%
HSV	51°, 60%, 76%
XYZ	38.8572, 42.9240, 13.2584
YIQ	169.7970, 41.9110, -27.1850

Conversions

Conversions Part 2

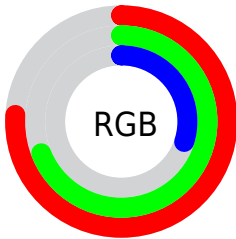
Format	Color
R_{YB}	97, 193, 77
Decimal	12693581
CIE _{Lab}	71.50, -6.08, 51.74
CIE _{LCh}	72, 52.094, 96.703
Yxy	42.9260, 0.4088, 0.4516
Android (android.graphics.Color)	4290883661 (0xFFC1B04D)
YUV	169.7970, -45.7489, 20.3490
Hunter-Lab	65.5164, -8.7868, 33.8631

Details

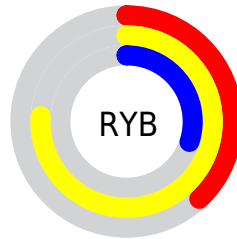
The HunterLab color **65.5164, -8.7868, 33.8631** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **36.6512, 17.1392, -58.7306**, and the grayscale version is **63.4899, -3.3877, 3.4495**.

A 20% lighter version of the original color is **89.1248, -10.3976, 40.9198**, and **44.4922, -6.9348, 26.2142** is the 20% darker color. If you saturate the color by 10%, you get **64.4944, -8.4512, 35.9495**, and if you desaturate by 10%, it is **66.6039, -8.8087, 30.9704**.

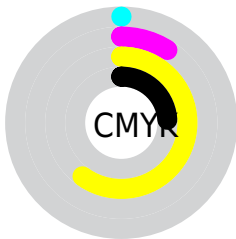
Distribution



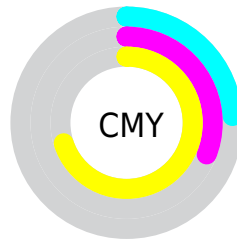
- Red (76%)
- Green (69%)
- Blue (30%)



- Red (38%)
- Yellow (76%)
- Blue (30%)



- Cyan (0%)
- Magenta (9%)
- Yellow (60%)
- Black (24%)



- Cyan (24%)
- Magenta (31%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.5164, -8.7868, 33.8631 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 65.5164, -8.7868, 33.8631 by changing the saturation by 10% instead.

65.5164, -8.7868,
33.8631

65.5164, -8.7868,
33.8631

189.2901,
-17.7064, 62.3917

54.6142, -7.8850,
30.1155

89.2184, -10.6462,
40.8771

44.3930, -6.9950,
26.1633

101.9521,
-11.6007, 44.1927

34.9034, -6.1163,
21.9689

115.2398,
-12.5730, 47.4067

26.2071, -5.2444,
17.9367

129.0593,
-13.5635, 50.5339

18.3841, -4.3708,
12.8689

143.3910,
-14.5721, 53.5867

11.5458, -3.4788,
8.0821

158.2171,

4.0814, -6.7099,

-15.5988, 56.5752

2.8570

173.5216,
-16.6436, 59.5078

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.5164, -8.7868,
33.8631

■ 65.5164, -8.7868,
33.8631

■ 64.4944, -8.4512,
35.9495

■ 66.6039, -8.8087,
30.9704

■ 63.5302, -7.8121,
37.2669

■ 67.7541, -8.4989,
27.2477

■ 62.6211, -6.8978,
37.8784

■ 68.9696, -7.8541,
22.6873

■ 61.7642, -5.7874,
37.9575

■ 70.2510, -6.8733,
17.2912

■ 71.5982, -5.5585,

11.0706

■ 73.0109, -3.9149,
4.0433

■ 74.4883, -1.9500,
-3.7675

■ 76.0294, 0.3269,
-12.3344

■ 77.6330, 2.9051,
-21.6271

Harmonies

Analogous

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



65.5179, 15.7292, 32.3945



65.5164, -8.7868, 33.8631



65.5179, -28.8167, 29.8663

Triad

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



65.5179, -8.7892, 33.8637



65.5179, -36.4876, -28.3951



65.5179, 44.3961, -16.2356

Complementary

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



65.5164, -8.7868, 33.8631



36.6512, 17.1392, -58.7306

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.



65.5179, 26.3625, -42.1822



65.5164, -8.7868, 33.8631



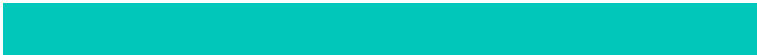
65.5179, -20.7380, -50.7856

Square

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



65.5179, -8.7892, 33.8637



65.5179, -43.2543, -1.7567



65.5179, 1.9638, -56.5751



65.5179, 48.8047, 8.4771

Rectangle

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



65.5164, -8.7868, 33.8631



65.5179, -37.7228, 23.3476



65.5179, 1.9638, -56.5751



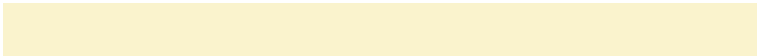
65.5179, 39.6123, -25.3335

Sweetspot

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



65.5179, -8.7892, 33.8637



94.3378, -8.9113, 21.7072



41.7864, 40.8641, 11.3037



43.4556, -4.3386, 11.1168



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.



65.5179, -8.7892, 33.8637



85.9135, -11.0926, 48.7498



67.3719, -29.3195, 34.8215



33.9097, -2.5772, 5.0055



50.4622, -4.8665, 31.0094



10.8180, -1.5361, 6.6391

Inverse Universe

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



36.6512, 17.1392, -58.7306



40.7719, 33.6194, -105.6887



36.0308, 34.5267, -60.2139



31.5925, -0.7931, -1.7252



17.8751, 35.8177, -99.6625



4.6484, 4.5118, -15.5497

Previews

White Background



This preview shows how the HunterLab color 65.5164, -8.7868, 33.8631 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 65.5164, -8.7868, 33.8631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

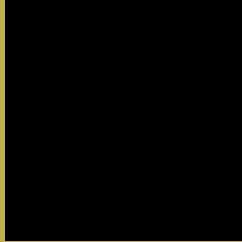
Any Text WCAG AA ✓ Pass

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 65.5164, -8.7868, 33.8631 Background



This preview shows how black text looks on a background with the HunterLab color 65.5164, -8.7868, 33.8631.



This preview shows how white text looks on a background with the HunterLab color 65.5164, -8.7868,

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

65.5164, -8.7868, 33.8631

Protanopia

65.4201, -7.5948, 33.8153

Deuteranopia

65.5502, 4.7821, 33.6109



Tritanopia

65.3308, 10.9395, 2.2232

Trichromacy



Original Color

65.5164, -8.7868, 33.8631

Protanomaly

65.3185, -7.9547, 33.7365

Deuteranomaly

65.3635, -0.2395, 33.5627

Tritanomaly

65.1469, 2.5753, 17.2545

Monochromacy



Original Color

65.5164, -8.7868, 33.8631

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.8338, -6.6890, 17.5825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.5164, -8.7868, 33.8631 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(193, 176, 77)` looks like.

```
.text, #text, p{  
    color:rgb(193, 176, 77)  
}
```

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(193, 176, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 176, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 65.5164, -8.7868, 33.8631 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(193, 176, 77) }
```


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

```
.border{ border-color:rgb(193, 176, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 176, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 176, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 176, 77);  
box-shadow:4px 4px 4px 4px rgb(193, 176,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.5164, -8.7868, 33.8631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 176, 77) }
```

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

```
.background{ background-color: rgb(193,  
176, 77) }
```

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