

Converting Colors

HunterLab(65.7961, -36.6833,
15.8578)

Have a look what the booklet for
HunterLab(65.7961, -36.6833,
15.8578) contains.

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Color

**HunterLab(65.8017,
-36.6468, 15.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	5BC391
RGB	91, 195, 145
RGB Percent	36%, 76%, 57%
CMY	0.6431, 0.2353, 0.4314
CMYK	0.53, 0.00, 0.26, 0.24
HSL	151°, 46%, 56%
HSV	151°, 53%, 76%
XYZ	28.9403, 43.2986, 33.6202
YIQ	158.2040, -45.9340, -37.5980

Conversions

Conversions Part 2

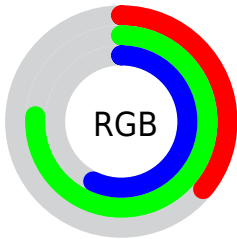
Format	Color
RYB	91, 159, 195
Decimal	6013841
CIELab	71.76, -41.89, 16.13
CIELCh	72, 44.886, 158.944
Yxy	43.3004, 0.2734, 0.4090
Android (android.graphics.Color)	4284203921 (0xFF5BC391)
YUV	158.2040, -6.5096, -58.9379
Hunter-Lab	65.8017, -36.6468, 15.7680

Details

The HunterLab color **65.8017, -36.6468, 15.7680** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **45.8348, 40.7335, -3.6424**, and the grayscale version is **58.5970, -3.1266, 3.1837**.

A 20% lighter version of the original color is **89.4652, -42.1760, 18.5813**, and **44.4791, -30.3855, 12.7600** is the 20% darker color. If you saturate the color by 10%, you get **64.9287, -40.5831, 18.1555**, and if you desaturate by 10%, it is **66.8766, -31.9614, 13.3995**.

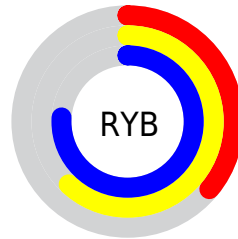
Distribution



Red (36%)

Green (76%)

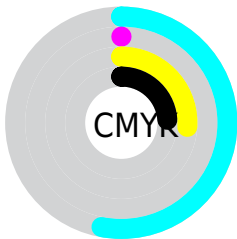
Blue (57%)



Red (36%)

Yellow (62%)

Blue (76%)

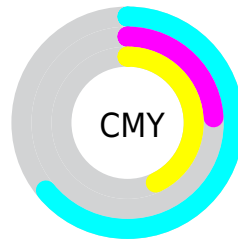


Cyan (53%)

Magenta (0%)

Yellow (26%)

Black (24%)



Cyan (64%)

Magenta (24%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.8017, -36.6468, 15.7680 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 65.8017, -36.6468, 15.7680 by changing the saturation by 10% instead.

■ 65.8017, -36.6468,
15.7680

■ 65.8017, -36.6468,
15.7680

189.6960,
-60.0835, 28.6580

■ 54.8825, -33.6614,
14.2969

■ 89.5343, -42.2851,
18.6564

■ 44.6434, -30.5232,
12.7937

■ 102.2824,
-44.9776, 20.0852

■ 35.1346, -27.1865,
11.2438

■ 115.5838,
-47.6054, 21.5098

■ 26.4172, -23.5814,
9.6239

■ 129.4166,
-50.1792, 22.9334

■ 18.5709, -19.5954,
7.8957

143.7610,
-52.7076, 24.3582

■ 11.7059, -17.2117,
6.7259

158.5994,

■ 4.4121, -7.7211,

-55.1974, 25.7863

3.0884

173.9159,
-57.6545, 27.2191

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.8017, -36.6468,
15.7680

■ 65.8017, -36.6468,
15.7680

■ 64.9287, -40.5831,
18.1555

■ 66.8766, -31.9614,
13.3995

■ 64.2454, -43.7631,
20.5269

■ 68.1536, -26.5515,
11.0788

■ 63.7404, -46.2095,
22.8486

■ 69.6353, -20.4620,
8.8339

■ 63.3951, -47.9770,
25.0852

■ 71.3200, -13.7494,
6.6882

■ 63.2268, -48.8840,


■ 73.2036, -6.4780,


26.4986

4.6607

 75.2803, 1.2850,
2.7655

 77.5431, 9.4722,
1.0125

 79.9840, 18.0194,
-0.5929

 81.2220, 22.5817,
-3.8714

Harmonies

Analogous

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



65.8030, -26.6779, 26.7233



65.8017, -36.6468, 15.7680



65.8030, -38.3515, -2.5707

Triad

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



65.8030, -36.6476, 15.7687



65.8030, 2.7784, -45.7773



65.8030, 30.3360, 23.1892

Complementary

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



65.8017, -36.6468, 15.7680



45.8348, 40.7335, -3.6424

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.



65.8030, 40.5260, 9.1922



65.8017, -36.6468, 15.7680



65.8030, 23.3749, -33.1281

Square

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



65.8030, -36.6476, 15.7687



65.8030, -17.1934, -42.3681



65.8030, 37.8325, -11.5005



65.8030, 11.3817, 29.9970

Rectangle

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



65.8017, -36.6468, 15.7680



65.8030, -34.8065, -17.4664



65.8030, 37.8325, -11.5005



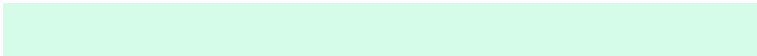
65.8030, 35.0000, 19.3768

Sweetspot

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



65.8030, -36.6476, 15.7687



94.7599, -21.1002, 9.7723



67.4340, -32.1540, 32.2870



44.1199, -10.7653, 4.8539

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.8030, -36.6476, 15.7687



86.7226, -55.0867, 24.8260



66.6513, -27.4718, -5.3400



33.6812, -5.1082, 2.7435



50.9887, -39.3053, 21.1175



10.6639, -7.7671, 3.4380

Inverse Universe

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



45.8348, 40.7335, -3.6424



55.7581, 66.2010, -4.1673



44.8779, 33.9706, 15.1716



31.8697, 1.7518, 0.8877



28.4252, 50.5758, 3.6642



6.0253, 10.9363, -0.8957

Previews

White Background



This preview shows how the HunterLab color 65.8017, -36.6468, 15.7680 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 65.8017, -36.6468, 15.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

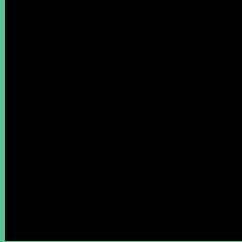
Any Text WCAG AA ✓ Pass

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 65.8017, -36.6468, 15.7680 Background



This preview shows how black text looks on a background with the HunterLab color 65.8017, -36.6468, 15.7680.



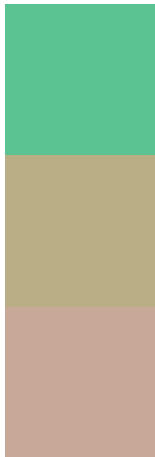
This preview shows how white text looks on a background with the HunterLab color 65.8017,

-36.6468, 15.7680.

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

65.8017, -36.6468, 15.7680

Protanopia

65.1617, -5.1198, 19.2065

Deuteranopia

65.2066, 4.7158, 13.6410



Tritanopia

65.6053, -20.3041, -10.9909

Trichromacy



Original Color

65.8017, -36.6468, 15.7680



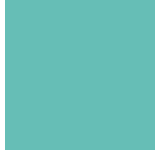
Protanomaly

64.7297, -19.1023, 17.1783



Deuteranomaly

64.4083, -13.3815, 13.2796



Tritanomaly

65.5966, -26.8007, -0.0500

Monochromacy



Original Color

65.8017, -36.6468, 15.7680



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

60.4103, -16.6482, 7.3550

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.8017, -36.6468, 15.7680 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(91, 195, 145)` looks like.

```
.text, #text, p{  
    color:rgb(91, 195, 145)  
}
```

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(91, 195, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 195, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 65.8017, -36.6468, 15.7680 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(91, 195, 145) }
```


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

```
.border{ border-color:rgb(91, 195, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 195, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 195, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 195, 145); box-shadow:4px 4px 4px 4px rgb(91, 195, 145) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.8017, -36.6468, 15.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 195, 145) }
```

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

```
.background{ background-color: rgb(91, 195,  
145) }
```

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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