

Converting Colors

HunterLab(42.9780, 18.1643,
-65.7018)

Have a look what the booklet for
HunterLab(42.9780, 18.1643,
-65.7018) contains.

HunterLab(43.0791, 17.8212, -65.3800)	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(43.0791, 17.8212,
-65.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	586FDB
RGB	88, 111, 219
RGB Percent	35%, 44%, 86%
CMY	0.6549, 0.5647, 0.1412
CMYK	0.60, 0.49, 0.00, 0.14
HSL	229°, 65%, 60%
HSV	229°, 60%, 86%
XYZ	22.4952, 18.5581, 69.4144
YIQ	116.4350, -48.3760, 28.7120

Conversions

Conversions Part 2

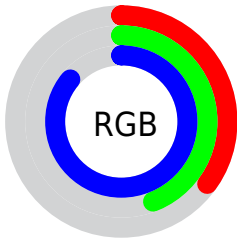
Format	Color
R _Y B	88, 108, 219
Decimal	5795803
CIE Lab	50.17, 24.08, -58.05
CIE LCh	50, 62.848, 292.532
Yxy	18.5587, 0.2036, 0.1680
Android (android.graphics.Color)	4283985883 (0xFF586FDB)
YUV	116.4350, 50.5645, -24.9375
Hunter-Lab	43.0791, 17.8212, -65.3800

Details

The HunterLab color **43.0791, 17.8212, -65.3800** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **74.3288, -8.2795, 38.2904**, and the grayscale version is **41.7842, -2.2295, 2.2702**.

A 20% lighter version of the original color is **62.7348, 13.0833, -50.5268**, and **25.1220, 16.0358, -66.0170** is the 20% darker color. If you saturate the color by 10%, you get **37.5441, 24.3931, -82.2746**, and if you desaturate by 10%, it is **49.1315, 12.3422, -50.3845**.

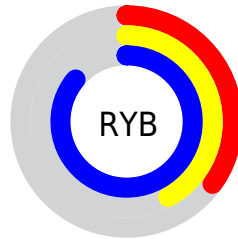
Distribution



Red (35%)

Green (44%)

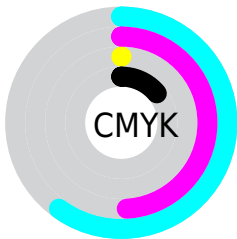
Blue (86%)



Red (35%)

Yellow (42%)

Blue (86%)

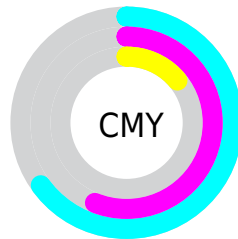


Cyan (60%)

Magenta (49%)

Yellow (0%)

Black (14%)



Cyan (65%)

Magenta (56%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.0791, 17.8212, -65.3800 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 43.0791, 17.8212, -65.3800 by changing the saturation by 10% instead.

■ 43.0791, 17.8212,
-65.3800

■ 43.0791, 17.8212,
-65.3800

156.2054, 21.1319,
-71.7942

■ 33.6925, 17.0127,
-65.4156

■ 64.0211, 19.1095,
-66.3611

■ 25.1078, 16.0723,
-66.2474

■ 75.4833, 19.6121,
-67.0856

■ 17.4092, 14.9828,
-68.7295

■ 87.5581, 20.0330,
-67.8705

■ 10.7137, 13.7346,
-75.2039

■ 100.2158, 20.3795,
-68.6789

■ 1.3589, 77.1521,
-375.7619

113.4307, 20.6579,
-69.4879

0.0000, NaN, -NF

0.0000, NaN, -NF

127.1803, 20.8733,

-70.2826

0.0000, NaN, -NF

141.4445, 21.0300,
-71.0534

0.0000, NaN, NaN

■ 43.0791, 17.8212,
-65.3800

■ 43.0791, 17.8212,
-65.3800

■ 37.5441, 24.3931,
-82.2746

■ 49.1315, 12.3422,
-50.3845

■ 32.6676, 32.1290,
-100.9426

■ 55.5941, 7.7769,
-37.0808

■ 28.6329, 40.7785,
-120.4174

■ 62.3915, 3.9450,
-25.1725

■ 25.6000, 49.3977,
-138.5759

■ 69.4683, 0.6928,
-14.3808

■ 25.5523, 49.5455,
-138.8927

■ 76.7838, -2.1018,
-4.4724

■ 84.3068, -4.5332,
4.7385

■ 92.0136, -6.6737,
13.3975

■ 98.9417, -11.1651,
20.6117

Harmonies

Analogous

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



43.0798, -8.4030, -72.6562



43.0791, 17.8212, -65.3800



43.0798, 43.1475, -36.0333

Triad

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



43.0798, 17.8220, -65.3787



43.0798, 31.2085, 25.1996



43.0798, -40.5041, 7.9016

Complementary

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



43.0791, 17.8212, -65.3800



74.3288, -8.2795, 38.2904

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.



43.0798, -34.3345, 21.9820



43.0791, 17.8212, -65.3800



43.0798, 4.1609, 27.5575

Square

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



43.0798, 17.8220, -65.3787



43.0798, 52.0297, 16.5016



43.0798, -19.2969, 26.8610



43.0798, -38.4633, -19.2482

Rectangle

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



43.0791, 17.8212, -65.3800



43.0798, 54.1563, -13.8598



43.0798, -19.2969, 26.8610



43.0798, -39.3817, 13.9864

Sweetspot

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



43.0798, 17.8220, -65.3787



83.9623, 0.2377, -15.0660



75.2847, -38.7921, 5.0572



37.6822, 0.5935, -8.6317

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



43.0798, 17.8220, -65.3787



42.8961, 31.4214, -103.7823



40.9885, 38.9024, -71.0043



36.0345, -1.0289, -1.9218



19.9587, 37.1300, -105.0996



6.0940, 6.2839, -21.1821

Inverse Universe

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



48.1544, 47.5935, 11.9887



51.7779, 67.9653, 18.2114



77.9592, -32.6075, 40.4445



36.1782, 1.5634, 2.3070



30.0431, 51.7693, 16.9364



7.7213, 13.4516, 3.2167

Previews

White Background



This preview shows how the HunterLab color 43.0791, 17.8212, -65.3800 looks on a white background.

Color Contrast Check

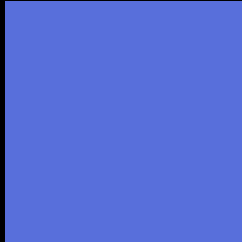
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0791, 17.8212, -65.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

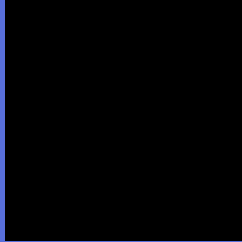
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 43.0791, 17.8212, -65.3800 Background



This preview shows how black text looks on a background with the HunterLab color 43.0791, 17.8212, -65.3800.



This preview shows how white text looks on a background with the HunterLab color 43.0791, 17.8212, -65.3800.

-65.3800.

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

43.0791, 17.8212, -65.3800

Protanopia

43.1060, 13.0752, -69.2321

Deuteranopia

43.0462, 3.3527, -61.0415



Tritanopia

43.1147, -16.9408, -7.8487

Trichromacy



Original Color

43.0791, 17.8212, -65.3800

Protanomaly

43.1835, 14.5424, -68.0187

Deuteranomaly

42.4117, 7.2256, -64.5593

Tritanomaly

42.6079, -5.7561, -26.0785

Monochromacy



Original Color

43.0791, 17.8212, -65.3800

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.7118, 2.7961, -17.0858

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.0791, 17.8212, -65.3800 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(88, 111, 219)` looks like.

```
.text, #text, p{  
    color:rgb(88, 111, 219)  
}
```

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(88, 111, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 111, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 43.0791, 17.8212, -65.3800 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(88, 111, 219) }
```


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

```
.border{ border-color:rgb(88, 111, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 111, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 111, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 111, 219);  
box-shadow:4px 4px 4px 4px rgb(88, 111,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.0791, 17.8212, -65.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 111, 219) }
```

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

```
.background{ background-color: rgb(88, 111,  
219) }
```

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