

Converting Colors

HunterLab(48.8617, 11.7432,
-63.2299)

Have a look what the booklet for
HunterLab(48.8617, 11.7432,
-63.2299) contains.

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Color

**HunterLab(48.8617, 11.7432,
-63.2299)**

Conversions

Conversions Part 1

Format	Color
Hex	5782E9
RGB	87, 130, 233
RGB Percent	34%, 51%, 91%
CMY	0.6588, 0.4902, 0.0863
CMYK	0.63, 0.44, 0.00, 0.09
HSL	222°, 77%, 63%
HSV	222°, 63%, 91%
XYZ	26.6211, 23.8747, 80.2959
YIQ	128.8850, -58.6910, 22.9170

Conversions

Conversions Part 2

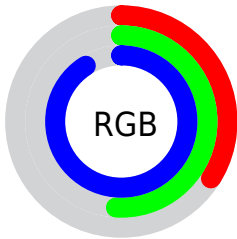
Format	Color
R _Y B	87, 120, 233
Decimal	5735145
CIE Lab	55.96, 16.96, -56.62
CIE LCh	56, 59.105, 286.674
Yxy	23.8754, 0.2035, 0.1825
Android (android.graphics.Color)	4283925225 (0xFF5782E9)
YUV	128.8850, 51.3287, -36.7331
Hunter-Lab	48.8617, 11.7432, -63.2299

Details

The HunterLab color **48.8617, 11.7432, -63.2299** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **74.0554, -0.0641, 38.4111**, and the grayscale version is **46.6308, -2.4881, 2.5335**.

A 20% lighter version of the original color is **68.5360, 2.4480, -39.5701**, and **30.0985, 11.8414, -63.1827** is the 20% darker color. If you saturate the color by 10%, you get **43.4737, 17.4194, -78.0448**, and if you desaturate by 10%, it is **54.6915, 7.1756, -49.7470**.

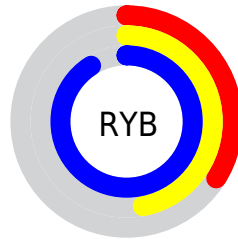
Distribution



Red (34%)

Green (51%)

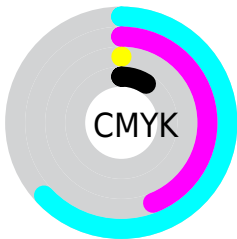
Blue (91%)



Red (34%)

Yellow (47%)

Blue (91%)

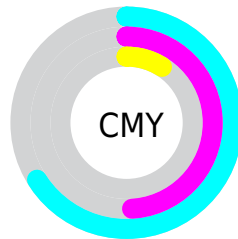


Cyan (63%)

Magenta (44%)

Yellow (0%)

Black (9%)



Cyan (66%)

Magenta (49%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8617, 11.7432, -63.2299 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 48.8617, 11.7432, -63.2299 by changing the saturation by 10% instead.

■ 48.8617, 11.7432,
-63.2299

■ 48.8617, 11.7432,
-63.2299

■ 164.9818, 12.0859,
-69.8287

■ 39.0400, 11.3498,
-62.9356

■ 70.5881, 12.2674,
-64.4827

■ 29.9814, 10.8495,
-63.1402

■ 82.4092, 12.4157,
-65.2505

■ 21.7576, 10.2247,
-64.3306

■ 94.8252, 12.4981,
-66.0470

■ 14.4638, 9.4503,
-67.6889

■ 107.8088, 12.5200,
-66.8468

■ 8.1248, 9.0169,
-78.0942

■ 121.3362, 12.4861,
-67.6335

0.0000, NaN, -NF

0.0000, NaN, -NF

135.3864, 12.4004,

-68.3968

0.0000, NaN, -NF

149.9406, 12.2660,
-69.1299

0.0000, NaN, NaN

■ 48.8617, 11.7432,
-63.2299

■ 48.8617, 11.7432,
-63.2299

■ 43.4737, 17.4194,
-78.0448

■ 54.6915, 7.1756,
-49.7470

■ 38.6199, 24.3244,
-94.1289

■ 60.8855, 3.5448,
-37.4916

■ 34.4117, 32.4242,
-111.0531

■ 67.3864, 0.6873,
-26.2936

■ 31.7686, 38.8714,
-123.6201

■ 74.1491, -1.5388,
-15.9792

■ 81.1387, -3.2490,
-6.3921

■ 88.3278, -4.5360,
2.6003

■ 95.6946, -5.4730,
11.1069

■ 99.3294, -9.0222,
15.0323

Harmonies

Analogous

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



48.8625, -13.0599, -64.6813



48.8617, 11.7432, -63.2299



48.8625, 36.8629, -39.4834

Triad

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



48.8625, 11.7440, -63.2286



48.8625, 34.3425, 25.4018



48.8625, -40.7009, 11.9512

Complementary

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



48.8617, 11.7432, -63.2299



74.0554, -0.0641, 38.4111

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.



48.8625, -32.5254, 24.5824



48.8617, 11.7432, -63.2299



48.8625, 8.7998, 29.3337

Square

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



48.8625, 11.7440, -63.2286



48.8625, 51.5770, 13.9067



48.8625, -15.4769, 29.1349



48.8625, -40.2238, -12.1230

Rectangle

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



48.8617, 11.7432, -63.2299



48.8625, 48.9637, -18.7689



48.8625, -15.4769, 29.1349



48.8625, -38.9553, 17.3544

Sweetspot

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



48.8625, 11.7440, -63.2286



84.8749, -2.4397, -13.8321



79.9923, -45.6456, 12.7220



38.2463, -0.8570, -7.8396

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.8625, 11.7440, -63.2286



46.6387, 21.2337, -91.1609



40.5315, 40.6967, -87.0823



39.0791, -1.7342, -1.6240



24.3177, 28.1554, -91.1744



7.9116, 5.0442, -20.7777

Inverse Universe

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



50.7475, 55.5557, 7.5684



51.2411, 72.1517, 12.2509



84.7206, -30.8900, 45.3523



38.8935, 1.9162, 1.9337



31.7644, 55.2159, 14.1812



8.9922, 15.8079, 2.6446

Previews

White Background



This preview shows how the HunterLab color 48.8617, 11.7432, -63.2299 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 48.8617, 11.7432, -63.2299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

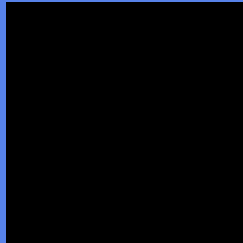
Any Text WCAG AA ✓ Pass

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 48.8617, 11.7432, -63.2299 Background



This preview shows how black text looks on a background with the HunterLab color 48.8617, 11.7432, -63.2299.



This preview shows how white text looks on a background with the HunterLab color 48.8617, 11.7432, -63.2299.

-63.2299.

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

48.8617, 11.7432, -63.2299

Protanopia

48.8617, 11.7432, -63.2299

Deuteranopia

48.9269, 4.6762, -62.2838



Tritanopia

48.9888, -20.4695, -9.8698

Trichromacy



Original Color

48.8617, 11.7432, -63.2299

Protanomaly

48.8617, 11.7432, -63.2299

Deuteranomaly

48.7437, 6.9804, -62.7040

Tritanomaly

48.5994, -10.2162, -26.9052

Monochromacy



Original Color

48.8617, 11.7432, -63.2299

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.9765, 0.4921, -17.1868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8617, 11.7432, -63.2299 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(87, 130, 233)` looks like.

```
.text, #text, p{  
    color:rgb(87, 130, 233)  
}
```

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(87, 130, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 130, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8617, 11.7432, -63.2299 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(87, 130, 233) }
```


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

```
.border{ border-color:rgb(87, 130, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 130, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 130, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 130, 233);  
box-shadow:4px 4px 4px 4px rgb(87, 130,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8617, 11.7432, -63.2299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 130, 233) }
```

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

```
.background{ background-color: rgb(87, 130,  
233) }
```

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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