

Converting Colors

HunterLab(36.3996, 37.4313,
-94.6308)

Have a look what the booklet for
HunterLab(36.3996, 37.4313,
-94.6308) contains.

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Color

**HunterLab(36.4733, 37.0889,
-93.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	5850E2
RGB	88, 80, 226
RGB Percent	35%, 31%, 89%
CMY	0.6549, 0.6863, 0.1137
CMYK	0.61, 0.65, 0.00, 0.11
HSL	243°, 72%, 60%
HSV	243°, 65%, 89%
XYZ	20.6206, 13.3030, 73.4324
YIQ	99.0360, -42.0980, 47.1020

Conversions

Conversions Part 2

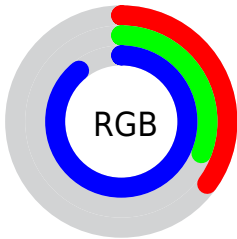
Format	Color
R _Y B	88, 80, 226
Decimal	5787874
CIE Lab	43.22, 45.20, -73.29
CIE LCh	43, 86.109, 301.662
Yxy	13.3034, 0.1921, 0.1239
Android (android.graphics.Color)	4283977954 (0xFF5850E2)
YUV	99.0360, 62.5933, -9.6786
Hunter-Lab	36.4733, 37.0889, -93.8384

Details

The HunterLab color **36.4733, 37.0889, -93.8384** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **83.5921, -23.3836, 45.7168**, and the grayscale version is **35.1214, -1.8740, 1.9082**.

A 20% lighter version of the original color is **54.5569, 31.4558, -68.6470**, and **20.0216, 33.9091, -98.2252** is the 20% darker color. If you saturate the color by 10%, you get **31.0448, 46.2987, -117.4750**, and if you desaturate by 10%, it is **42.8797, 28.5733, -72.5658**.

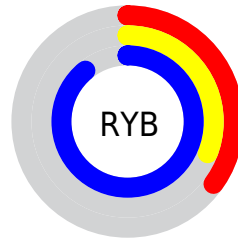
Distribution



Red (35%)

Green (31%)

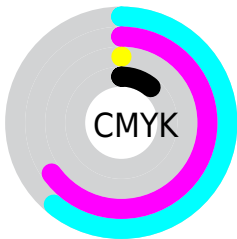
Blue (89%)



Red (35%)

Yellow (31%)

Blue (89%)

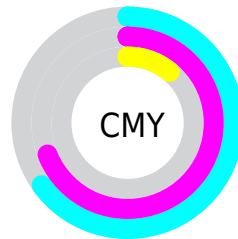


Cyan (61%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (69%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4733, 37.0889, -93.8384 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 36.4733, 37.0889, -93.8384 by changing the saturation by 10% instead.

36.4733, 37.0889,
-93.8384

36.4733, 37.0889,
-93.8384

145.8947, 48.1443,
-97.6643

27.6365, 35.3324,
-96.1514

56.4338, 40.2629,
-92.6823

19.6572, 33.4932,
-101.0915

67.4502, 41.6763,
-92.9388

12.6404, 31.6948,
-111.8904

79.1026, 42.9825,
-93.4720

5.9676, 37.2878,
-158.8223

91.3581, 44.1888,
-94.1762

0.0000, INF, -NF

0.0000, NaN, -NF

104.1884, 45.3020,
-94.9844

0.0000, NaN, -NF

117.5687, 46.3286,

0.0000, NaN, -NF

-95.8532

0.0000, NaN, NaN

131.4772, 47.2743,
-96.7532

■ 36.4733, 37.0889,
-93.8384

■ 36.4733, 37.0889,
-93.8384

■ 31.0448, 46.2987,
-117.4750

■ 42.8797, 28.5733,
-72.5658

■ 26.9179, 55.1316,
-140.9311

■ 50.0125, 20.9951,
-54.1141

■ 24.3969, 61.4656,
-158.7497

■ 57.6993, 14.2688,
-38.1317

■ 23.6052, 63.6858,
-165.0636

■ 65.8226, 8.2272,
-24.1073

■ 74.3019, 2.7119,
-11.5828

■ 83.0800, -2.4047,
-0.1970

■ 92.1155, -7.2201,
10.3230

■ 99.1317, -10.1134,
17.8736

Harmonies

Analogous

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



36.4738, -0.1143, -121.8785



36.4733, 37.0889, -93.8384



36.4738, 71.1623, -39.1266

Triad

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



36.4738, 37.0904, -93.8372



36.4738, 32.7948, 25.5316



36.4738, -45.8125, 0.2152

Complementary

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



36.4733, 37.0889, -93.8384



83.5921, -23.3836, 45.7168

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.



36.4738, -42.3233, 20.4543



36.4733, 37.0889, -93.8384



36.4738, -3.7464, 25.5316

Square

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



36.4738, 37.0904, -93.8372



36.4738, 68.1307, 21.4561



36.4738, -29.3441, 25.3931



36.4738, -41.4131, -45.1734

Rectangle

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



36.4733, 37.0889, -93.8384



36.4738, 83.0032, -7.7541



36.4738, -29.3441, 25.3931



36.4738, -45.5318, 9.6115

Sweetspot

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



36.4738, 37.0904, -93.8372



80.7549, 5.9070, -19.5966



75.9627, -33.5620, -9.9392



36.0701, 3.5814, -10.9968

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.4738, 37.0904, -93.8372



33.5435, 57.2234, -145.5533



43.2814, 52.7395, -70.9716



36.4403, 0.0130, -2.5818



17.8742, 48.1355, -124.3034



4.8403, 12.7750, -31.6460

Inverse Universe

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



51.9304, 70.2853, -42.4945



55.3491, 93.4195, -56.0182



78.1381, -44.3480, 41.6133



37.3122, 2.9271, -1.1235



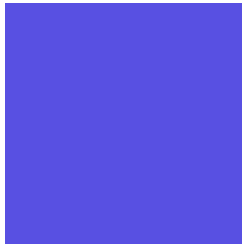
34.6244, 67.2784, -39.5104



9.1378, 17.7896, -10.6902

Previews

White Background



This preview shows how the HunterLab color 36.4733, 37.0889, -93.8384 looks on a white background.

Color Contrast Check

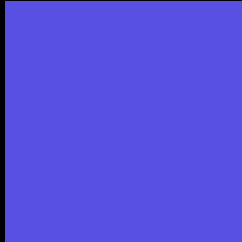
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 36.4733, 37.0889, -93.8384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

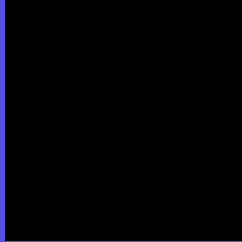
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 36.4733, 37.0889, -93.8384 Background



This preview shows how black text looks on a background with the HunterLab color 36.4733, 37.0889, -93.8384.



This preview shows how white text looks on a background with the HunterLab color 36.4733, 37.0889, -93.8384.

-93.8384.

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

36.4733, 37.0889, -93.8384

Protanopia

36.3873, 12.9969, -73.5375

Deuteranopia

36.2146, 0.6327, -46.6310



Tritanopia

36.5050, -15.2870, -7.1531

Trichromacy



Original Color

36.4733, 37.0889, -93.8384

Protanomaly

35.5588, 20.4709, -83.8063

Deuteranomaly

35.2585, 11.8988, -64.8851

Tritanomaly

35.2162, 0.9015, -33.5077

Monochromacy



Original Color

36.4733, 37.0889, -93.8384

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

34.8303, 9.0384, -23.9795

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4733, 37.0889, -93.8384 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, 80, 226)` looks like.

```
.text, #text, p{  
    color:rgb(88, 80, 226)  
}
```

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, 80, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 80, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4733, 37.0889, -93.8384 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, 80, 226) }
```


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

```
.border{ border-color:rgb(88, 80, 226) }
```

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

Here you see how a box with a 4 pixel rgb(88, 80, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 80, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 80, 226);  
box-shadow:4px 4px 4px 4px rgb(88, 80,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4733, 37.0889, -93.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 80, 226) }
```

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

```
.background{ background-color: rgb(88, 80,  
226) }
```

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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