

Converting Colors

HunterLab(33.2735, 33.6754,
-60.6948)

Have a look what the booklet for
HunterLab(33.2735, 33.6754,
-60.6948) contains.

HunterLab(33.2735, 33.6754, -60.6948)	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(33.2735, 33.6754,
-60.6948)**

Conversions

Conversions Part 1

Format	Color
Hex	6C46B9
RGB	108, 70, 185
RGB Percent	42%, 27%, 73%
CMY	0.5765, 0.7255, 0.2745
CMYK	0.42, 0.62, 0.00, 0.27
HSL	260°, 45%, 50%
HSV	260°, 62%, 73%
XYZ	17.1315, 11.0713, 47.1330
YIQ	94.4720, -14.2670, 43.8210

Conversions

Conversions Part 2

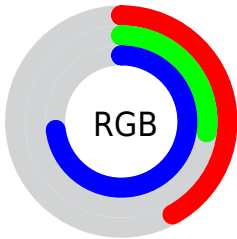
Format	Color
R _Y B	108, 70, 185
Decimal	7095993
CIE Lab	39.70, 42.35, -55.26
CIE LCh	40, 69.620, 307.467
Yxy	11.0716, 0.2274, 0.1470
Android (android.graphics.Color)	4285286073 (0xFF6C46B9)
YUV	94.4720, 44.6303, 11.8641
Hunter-Lab	33.2735, 33.6754, -60.6948

Details

The HunterLab color **33.2735, 33.6754, -60.6948** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **64.2987, -27.8879, 33.7892**, and the grayscale version is **33.4755, -1.7862, 1.8188**.

A 20% lighter version of the original color is **52.6652, 36.8113, -61.4748**, and **17.0772, 30.2051, -63.4989** is the 20% darker color. If you saturate the color by 10%, you get **28.9492, 40.2656, -75.4617**, and if you desaturate by 10%, it is **38.1914, 27.0527, -47.2490**.

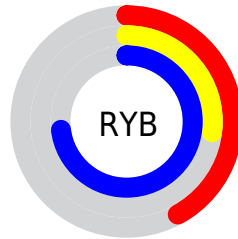
Distribution



Red (42%)

Green (27%)

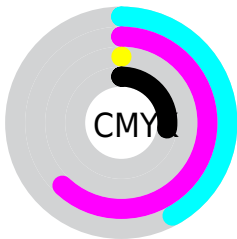
Blue (73%)



Red (42%)

Yellow (27%)

Blue (73%)

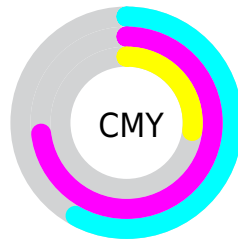


Cyan (42%)

Magenta (62%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (73%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2735, 33.6754, -60.6948 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 33.2735, 33.6754, -60.6948 by changing the saturation by 10% instead.

33.2735, 33.6754,
-60.6948

33.2735, 33.6754,
-60.6948

140.7687, 44.1284,
-66.4644

24.7286, 31.9731,
-61.2985

52.7186, 36.7262,
-61.2391

17.0738, 30.1904,
-63.3778

63.5025, 38.0740,
-61.8793

10.4288, 28.4814,
-69.0817

74.9353, 39.3128,
-62.6157

0.0000, INF, -NF

0.0000, NaN, -NF

86.9823, 40.4504,
-63.3955

0.0000, NaN, -NF

99.6134, 41.4944,
-64.1866

0.0000, NaN, -NF

112.8029, 42.4514,

0.0000, NaN, NaN

-64.9694

0.0000, NaN, NaN

126.5281, 43.3277,
-65.7313

■ 33.2735, 33.6754,
-60.6948

■ 33.2735, 33.6754,
-60.6948

■ 28.9492, 40.2656,
-75.4617

■ 38.1914, 27.0527,
-47.2490

■ 25.3773, 46.2457,
-90.7893

■ 43.5739, 20.6378,
-35.2427

■ 22.7249, 50.6243,
-104.8632

■ 49.3273, 14.4940,
-24.5205

■ 21.2113, 52.8383,
-114.3027

■ 55.3834, 8.6080,
-14.8591

■ 61.6923, 2.9411,
-6.0459

■ 68.2170, -2.5491,
2.0976

■ 74.9295, -7.9011,
9.7138

■ 81.8081, -13.1474,
16.9144

■ 88.8358, -18.3143,
23.7859

Harmonies

Analogous

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



33.2740, 4.8487, -85.7801



33.2735, 33.6754, -60.6948



33.2740, 56.8169, -21.5246

Triad

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



33.2740, 33.6757, -60.6935



33.2740, 19.2105, 22.7755



33.2740, -37.8117, -4.8501

Complementary

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



33.2735, 33.6754, -60.6948



64.2987, -27.8879, 33.7892

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.



33.2740, -36.0729, 15.2006



33.2735, 33.6754, -60.6948



33.2740, -7.9220, 23.2918

Square

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



33.2740, 33.6757, -60.6935



33.2740, 46.8598, 19.5394



33.2740, -26.6911, 21.6484



33.2740, -32.4725, -40.9807

Rectangle

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



33.2735, 33.6754, -60.6948



33.2740, 62.8690, -0.3199



33.2740, -26.6911, 21.6484



33.2740, -37.9982, 3.8101

Sweetspot

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



33.2740, 33.6757, -60.6935



76.4934, 9.3302, -16.4185



51.1551, -12.8783, -21.9022



34.4174, 5.3451, -9.2271



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



33.2740, 33.6757, -60.6935



36.6645, 57.3010, -109.3371



39.7076, 48.4698, -43.2188



29.7654, 0.6428, -1.7248



17.6051, 43.6965, -93.6402



3.7933, 8.7127, -14.7303

Inverse Universe

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



40.9894, 47.8693, -13.8314



50.0039, 75.6773, -19.2471



61.1300, -40.4677, 31.3394



30.1843, 1.8868, 0.1686



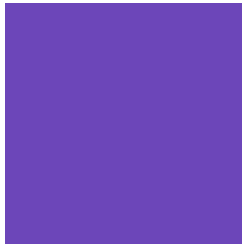
28.3295, 52.0536, -9.1242



5.4208, 10.1369, -3.1138

Previews

White Background



This preview shows how the HunterLab color 33.2735, 33.6754, -60.6948 looks on a white background.

Color Contrast Check

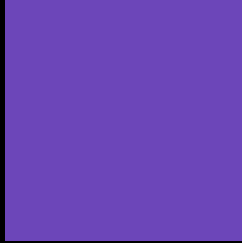
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2735, 33.6754, -60.6948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

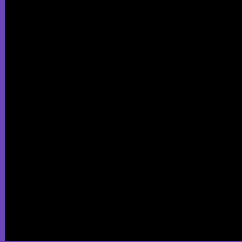
Any Text WCAG AA × Fail

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 33.2735, 33.6754, -60.6948 Background



This preview shows how black text looks on a background with the HunterLab color 33.2735, 33.6754, -60.6948.



This preview shows how white text looks on a background with the HunterLab color 33.2735, 33.6754, -60.6948.

-60.6948.

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

33.2735, 33.6754, -60.6948

Protanopia

33.3438, 12.1547, -67.9153

Deuteranopia

33.4002, 1.1806, -44.2959



Tritanopia

33.2256, -2.1354, -1.9953

Trichromacy



Original Color

33.2735, 33.6754, -60.6948

Protanomaly

32.0811, 16.8317, -68.9136

Deuteranomaly

32.0994, 9.9161, -54.0119

Tritanomaly

32.5512, 9.5668, -19.5362

Monochromacy



Original Color

33.2735, 33.6754, -60.6948

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

32.6833, 9.5705, -16.1175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2735, 33.6754, -60.6948 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(108, 70, 185)` looks like.

```
.text, #text, p{  
    color:rgb(108, 70, 185)  
}
```

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(108, 70, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 70, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2735, 33.6754, -60.6948 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(108, 70, 185) }
```


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

```
.border{ border-color:rgb(108, 70, 185) }
```

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

Here you see how a box with a 4 pixel rgb(108, 70, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 70, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 70, 185);  
box-shadow:4px 4px 4px 4px rgb(108, 70,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2735, 33.6754, -60.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 70, 185) }
```

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

```
.background{ background-color: rgb(108, 70,  
185) }
```

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