

Converting Colors

HunterLab(38.9420, -6.8763,
-33.2741)

Have a look what the booklet for
HunterLab(38.9420, -6.8763,
-33.2741) contains.

HunterLab(38.9420, -6.8763, -33.2741)	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(38.9420, -6.8763,
-33.2741)**

Conversions

Conversions Part 1

Format	Color
Hex	0673A9
RGB	6, 115, 169
RGB Percent	2%, 45%, 66%
CMY	0.9764, 0.5490, 0.3373
CMYK	0.96, 0.32, 0.00, 0.34
HSL	200°, 93%, 34%
HSV	200°, 96%, 66%
XYZ	13.3673, 15.1648, 39.7587
YIQ	88.5650, -82.2980, -6.3140

Conversions

Conversions Part 2

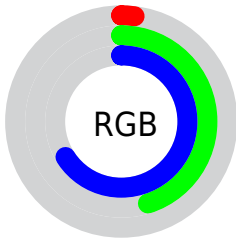
Format	Color
R_{YB}	6, 71, 169
Decimal	422825
CIE _{Lab}	45.86, -6.61, -36.30
CIE _{LCh}	46, 36.895, 259.673
Yxy	15.1653, 0.1957, 0.2221
Android (android.graphics.Color)	4278612905 (0xFF0673A9)
YUV	88.5650, 39.6545, -72.4095
Hunter-Lab	38.9420, -6.8763, -33.2741

Details

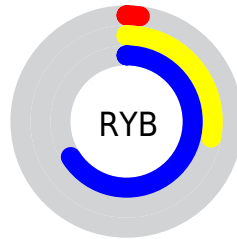
The HunterLab color **38.9420, -6.8763, -33.2741** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.1806, 34.2515, 21.3612**, and the grayscale version is **31.3308, -1.6717, 1.7023**.

A 20% lighter version of the original color is **59.3695, -8.8106, -34.7099**, and **22.9679, -0.0955, -28.5018** is the 20% darker color. If you saturate the color by 10%, you get **38.3087, -6.1545, -34.5969**, and if you desaturate by 10%, it is **40.7724, -8.7371, -29.6136**.

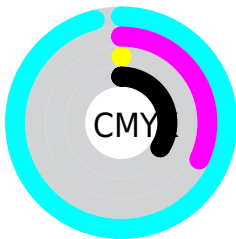
Distribution



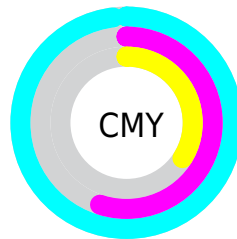
- Red (2%)
- Green (45%)
- Blue (66%)



- Red (2%)
- Yellow (28%)
- Blue (66%)



- Cyan (96%)
- Magenta (32%)
- Yellow (0%)
- Black (34%)



- Cyan (98%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9420, -6.8763, -33.2741 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 38.9420, -6.8763, -33.2741 by changing the saturation by 10% instead.

■ 38.9420, -6.8763,
-33.2741

■ 38.9420, -6.8763,
-33.2741

■ 149.7880,
-15.6264, -37.8948

■ 29.8923, -5.9665,
-32.7050

■ 59.2814, -8.7169,
-34.5436

■ 21.6774, -5.0559,
-32.3328

■ 70.4695, -9.6558,
-35.1576

■ 14.3938, -4.1301,
-32.4892

■ 82.2843, -10.6095,
-35.7334

■ 8.0543, -4.0086,
-34.9386

■ 94.6943, -11.5791,
-36.2639

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.6722,
-12.5652, -36.7459

0.0000, NaN, NaN

■ 121.1941,

0.0000, NaN, NaN

-13.5683, -37.1783

0.0000, NaN, NaN

135.2390,
-14.5887, -37.5610

■ 38.9420, -6.8763,
-33.2741

■ 38.9420, -6.8763,
-33.2741

■ 38.3087, -6.1545,
-34.5969

■ 40.7724, -8.7371,
-29.6136

■ 42.7615, -10.0616,
-25.8721

■ 44.9166, -10.8161,
-22.0602

■ 47.2347, -11.0115,
-18.2036

■ 49.7090, -10.6764,
-14.3277

■ 52.3313, -9.8496,
-10.4540

■ 55.0922, -8.5739,
-6.5992

■ 57.9824, -6.8932,
-2.7752

■ 60.9930, -4.8492,
1.0102

Harmonies

Analogous

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



38.9426, -18.2870, -23.4764



38.9420, -6.8763, -33.2741



38.9426, 7.5897, -31.3183

Triad

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



38.9426, -6.8758, -33.2733



38.9426, 27.2564, 9.9196



38.9426, -20.8605, 15.5061

Complementary

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



38.9420, -6.8763, -33.2741



34.1806, 34.2515, 21.3612

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.



38.9426, -10.8895, 19.5533



38.9420, -6.8763, -33.2741



38.9426, 17.3058, 17.2253

Square

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



38.9426, -6.8758, -33.2733



38.9426, 28.7415, -2.8535



38.9426, 2.9598, 20.0427



38.9426, -25.5555, 6.5129

Rectangle

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



38.9420, -6.8763, -33.2741



38.9426, 17.0211, -23.7831



38.9426, 2.9598, 20.0427



38.9426, -18.0877, 17.3288

Sweetspot

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



38.9426, -6.8758, -33.2733



72.5678, -12.0616, -10.4201



53.5882, -43.7546, 27.8792



33.1742, -5.9558, -5.8493



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



38.9426, -6.8758, -33.2733



50.8771, -7.6283, -47.1246



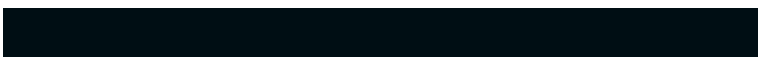
20.3953, 33.1433, -95.9722



28.4726, -2.5888, -0.0306



33.2244, -5.5496, -29.5476



5.9703, -2.0134, -3.1158

Inverse Universe

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



31.3111, 56.5000, -10.4311



41.4751, 76.0788, -12.3582



51.9126, -2.6646, 31.7439



27.6111, 1.6834, 0.1741



26.8056, 49.2585, -8.6711



4.2859, 8.0570, -2.7900

Previews

White Background



This preview shows how the HunterLab color 38.9420, -6.8763, -33.2741 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 38.9420, -6.8763, -33.2741 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 38.9420, -6.8763, -33.2741 Background



This preview shows how black text looks on a background with the HunterLab color 38.9420, -6.8763, -33.2741.



This preview shows how white text looks on a background with the HunterLab color 38.9420, -6.8763, -33.2741.

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

38.9420, -6.8763, -33.2741

Protanopia

38.7821, 4.8319, -28.2760

Deuteranopia

38.8860, 3.2708, -34.7255



Tritanopia

38.7530, -18.6295, -8.2220

Trichromacy



Original Color

38.9420, -6.8763, -33.2741

Protanomaly

38.1886, -1.0935, -31.7544

Deuteranomaly

38.6318, -1.9625, -34.5964

Tritanomaly

38.7084, -14.5355, -16.8176

Monochromacy



Original Color

38.9420, -6.8763, -33.2741

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.1258, -7.0950, -10.3894

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9420, -6.8763, -33.2741 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(6, 115, 169)` looks like.

```
.text, #text, p{  
    color:rgb(6, 115, 169)  
}
```

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(6, 115, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 115, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9420, -6.8763, -33.2741 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(6, 115, 169) }
```


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

```
.border{ border-color:rgb(6, 115, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 115, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 115, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 115, 169);  
box-shadow:4px 4px 4px 4px rgb(6, 115,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9420, -6.8763, -33.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 115, 169) }
```

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

```
.background{ background-color: rgb(6, 115,  
169) }
```

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