

Converting Colors

HunterLab(39.3994, -8.3657,
-35.1857)

Have a look what the booklet for
HunterLab(39.3994, -8.3657,
-35.1857) contains.

HunterLab(39.6733, -6.8702, -34.7573)	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(39.6733, -6.8702,
-34.7573)

Conversions

Conversions Part 1

Format	Color
Hex	0075AD
RGB	0, 117, 173
RGB Percent	0%, 46%, 68%
CMY	0.9999, 0.5412, 0.3216
CMYK	1.00, 0.32, 0.00, 0.32
HSL	199°, 100%, 34%
HSV	199°, 100%, 68%
XYZ	13.9041, 15.7397, 41.8404
YIQ	88.4010, -87.7080, -7.3880

Conversions

Conversions Part 2

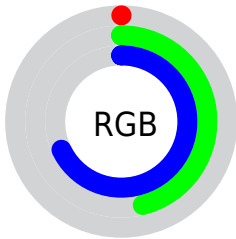
Format	Color
RYB	0, 70, 173
Decimal	30125
CIELab	46.63, -6.51, -37.42
CIELCh	47, 37.980, 260.135
Yxy	15.7402, 0.1945, 0.2202
Android (android.graphics.Color)	4278220205 (0xFF0075AD)
YUV	88.4010, 41.7073, -77.5277
Hunter-Lab	39.6733, -6.8702, -34.7573

Details

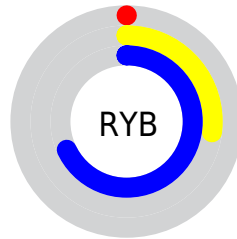
The HunterLab color **39.6733, -6.8702, -34.7573** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.2284, 37.3574, 21.7438**, and the grayscale version is **31.2649, -1.6682, 1.6987**.

A 20% lighter version of the original color is **60.1720, -8.7498, -36.1176**, and **23.6903, 0.1207, -29.8714** is the 20% darker color. If you saturate the color by 10%, you get **39.6706, -6.8658, -34.7635**, and if you desaturate by 10%, it is **41.4811, -8.8459, -31.1035**.

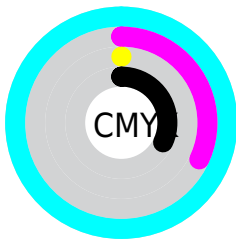
Distribution



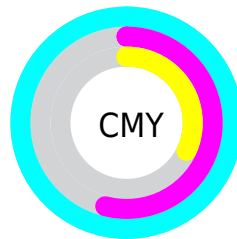
- Red (0%)
- Green (46%)
- Blue (68%)



- Red (0%)
- Yellow (27%)
- Blue (68%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (54%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.6733, -6.8702, -34.7573 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 39.6733, -6.8702, -34.7573 by changing the saturation by 10% instead.

■ 39.6733, -6.8702,
-34.7573

■ 39.6733, -6.8702,
-34.7573

150.9317,
-15.5842, -39.5376

■ 30.5622, -5.9672,
-34.1906

■ 60.1221, -8.7000,
-36.0442

■ 22.2799, -5.0649,
-33.8332

■ 71.3597, -9.6343,
-36.6735

■ 14.9202, -4.1499,
-34.0207

■ 83.2216, -10.5839,
-37.2673

■ 8.5684, -3.7666,
-36.0639

■ 95.6763, -11.5497,
-37.8177

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 108.6970,
-12.5324, -38.3208

0.0000, NaN, NaN

■ 122.2600,

0.0000, NaN, NaN

-13.5322, -38.7752

0.0000, NaN, NaN

136.3445,
-14.5494, -39.1806

■ 39.6733, -6.8702,
-34.7573

■ 39.6733, -6.8702,
-34.7573

■ 39.6706, -6.8658,
-34.7635

■ 41.4811, -8.8459,
-31.1035

■ 43.4275, -10.3595,
-27.3979

■ 45.5429, -11.2925,
-23.6036

■ 47.8265, -11.6450,
-19.7452

■ 50.2729, -11.4396,
-15.8490

■ 52.8746, -10.7121,
-11.9389

■ 55.6225, -9.5048,
-8.0344

■ 58.5072, -7.8624,
-4.1502

■ 61.5195, -5.8285,
-0.2967

Harmonies

Analogous

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



39.6739, -18.7355, -24.6868



39.6733, -6.8702, -34.7573



39.6739, 8.1416, -32.5136

Triad

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



39.6739, -6.8696, -34.7565



39.6739, 28.2313, 10.3815



39.6739, -21.6544, 15.8699

Complementary

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



39.6733, -6.8702, -34.7573



34.2284, 37.3574, 21.7438

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.



39.6739, -11.4324, 20.0759



39.6733, -6.8702, -34.7573



39.6739, 17.7815, 17.8065

Square

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



39.6739, -6.8696, -34.7565



39.6739, 29.9280, -2.7548



39.6739, 2.8662, 20.6241



39.6739, -26.4074, 6.5160

Rectangle

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



39.6733, -6.8702, -34.7573



39.6739, 17.9038, -24.5545



39.6739, 2.8662, 20.6241



39.6739, -18.8206, 17.7627

Sweetspot

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



39.6739, -6.8696, -34.7565



74.2328, -12.8232, -11.0354



54.9196, -45.3116, 29.1721



33.8993, -6.3126, -6.1350



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



39.6739, -6.8696, -34.7565



52.7054, -8.5940, -47.3252



20.0914, 36.3857, -103.6527



29.3739, -2.7019, -0.0179



34.1591, -6.1261, -29.4713



6.4667, -2.1411, -3.4608

Inverse Universe

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



31.8895, 58.6335, -10.6142



42.6264, 78.2978, -13.5318



52.9337, -2.2551, 32.5769



28.4663, 1.7601, 0.1477



27.3514, 50.3285, -9.3682



4.6643, 8.7594, -2.9673

Previews

White Background



This preview shows how the HunterLab color 39.6733, -6.8702, -34.7573 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 39.6733, -6.8702, -34.7573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

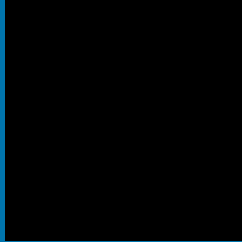
Any Text WCAG AA × Fail

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 39.6733, -6.8702, -34.7573 Background



This preview shows how black text looks on a background with the HunterLab color 39.6733, -6.8702, -34.7573.

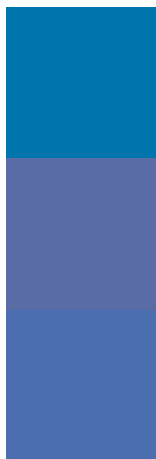


This preview shows how white text looks on a background with the HunterLab color 39.6733, -6.8702, -34.7573.

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

39.6733, -6.8702, -34.7573

Protanopia

39.5626, 5.0392, -29.5990

Deuteranopia

39.6268, 3.3463, -36.2059



Tritanopia

39.7893, -19.1720, -8.3463

Trichromacy



Original Color

39.6733, -6.8702, -34.7573

Protanomaly

38.8630, -1.2583, -33.3406

Deuteranomaly

39.3327, -2.0415, -36.1620

Tritanomaly

39.7257, -15.1337, -16.9843

Monochromacy



Original Color

39.6733, -6.8702, -34.7573

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

33.3112, -7.8035, -10.6743

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.6733, -6.8702, -34.7573 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(0, 117, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 173)  
}
```

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(0, 117, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 39.6733, -6.8702, -34.7573 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(0, 117, 173) }
```


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

```
.border{ border-color:rgb(0, 117, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.6733, -6.8702, -34.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 173) }
```

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

```
.background{ background-color: rgb(0, 117,  
173) }
```

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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