

Converting Colors

HunterLab(39.2248, -6.0340,
-36.0018)

Have a look what the booklet for
HunterLab(39.2248, -6.0340,
-36.0018) contains.

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Color

**HunterLab(39.0878, -5.9616,
-35.9871)**

Conversions

Conversions Part 1

Format	Color
Hex	0073AD
RGB	0, 115, 173
RGB Percent	0%, 45%, 68%
CMY	0.9999, 0.5490, 0.3216
CMYK	1.00, 0.34, 0.00, 0.32
HSL	200°, 100%, 34%
HSV	200°, 100%, 68%
XYZ	13.6735, 15.2786, 41.7635
YIQ	87.2270, -87.1580, -6.3420

Conversions

Conversions Part 2

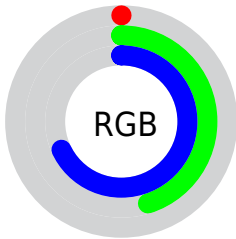
Format	Color
R_{YB}	0, 69, 173
Decimal	29613
CIE _{Lab}	46.01, -5.31, -38.39
CIE _{LCh}	46, 38.759, 262.128
Yxy	15.2790, 0.1934, 0.2161
Android (android.graphics.Color)	4278219693 (0xFF0073AD)
YUV	87.2270, 42.2861, -76.4981
Hunter-Lab	39.0878, -5.9616, -35.9871

Details

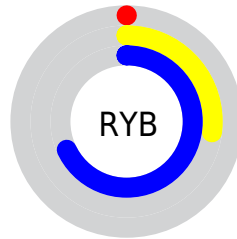
The HunterLab color **39.0878, -5.9616, -35.9871** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.5159, 36.5551, 21.9070**, and the grayscale version is **30.8315, -1.6451, 1.6751**.

A 20% lighter version of the original color is **59.5552, -7.7771, -37.2371**, and **23.1741, 1.0186, -31.1645** is the 20% darker color. If you saturate the color by 10%, you get **39.0852, -5.9572, -35.9931**, and if you desaturate by 10%, it is **40.9464, -8.0386, -32.1567**.

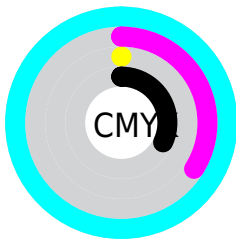
Distribution



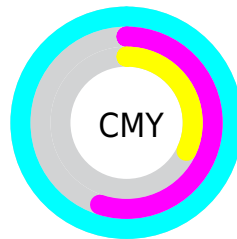
- Red (0%)
- Green (45%)
- Blue (68%)



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



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (55%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.0878, -5.9616, -35.9871 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 39.0878, -5.9616, -35.9871 by changing the saturation by 10% instead.

■ 39.0878, -5.9616,
-35.9871

■ 39.0878, -5.9616,
-35.9871

■ 150.0164,
-14.1488, -40.9343

■ 30.0258, -5.1373,
-35.4413

■ 59.4491, -7.6512,
-37.2822

■ 21.7974, -4.3220,
-35.1434

■ 70.6471, -8.5221,
-37.9275

■ 14.4985, -3.5055,
-35.4785

■ 82.4713, -9.4117,
-38.5412

■ 8.1596, -3.2708,
-38.3031

■ 94.8903, -10.3203,
-39.1140

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.8767,
-11.2483, -39.6411

0.0000, NaN, NaN

■ 121.4069,

0.0000, NaN, NaN

-12.1958, -40.1205

0.0000, NaN, NaN

135.4597,
-13.1626, -40.5514

■ 39.0878, -5.9616,
-35.9871

■ 39.0878, -5.9616,
-35.9871

■ 39.0852, -5.9572,
-35.9931

■ 40.9464, -8.0386,
-32.1567

■ 42.9470, -9.6469,
-28.2854

■ 45.1195, -10.6693,
-24.3365

■ 47.4622, -11.1078,
-20.3363

■ 49.9692, -10.9872,
-16.3116

■ 52.6319, -10.3451,
-12.2863

■ 55.4410, -9.2251,
-8.2792

■ 58.3867, -7.6727,
-4.3038

■ 61.4594, -5.7321,
-0.3692

Harmonies

Analogous

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



39.0884, -18.2681, -26.3252



39.0878, -5.9616, -35.9871



39.0884, 9.3830, -32.7859

Triad

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



39.0884, -5.9610, -35.9863



39.0884, 28.3861, 11.1174



39.0884, -22.3530, 15.5037

Complementary

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



39.0878, -5.9616, -35.9871



34.5159, 36.5551, 21.9070

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.



39.0884, -12.3715, 19.9680



39.0878, -5.9616, -35.9871



39.0884, 17.2456, 18.1828

Square

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



39.0884, -5.9610, -35.9863



39.0884, 30.7899, -1.8207



39.0884, 1.9424, 20.7186



39.0884, -26.7562, 5.7028

Rectangle

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



39.0878, -5.9616, -35.9871



39.0884, 19.2065, -24.1875



39.0884, 1.9424, 20.7186



39.0884, -19.6177, 17.4990

Sweetspot

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



39.0884, -5.9610, -35.9863



73.9861, -12.4422, -11.3693



54.9453, -45.1504, 28.7920



33.7688, -6.1127, -6.3160



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.



39.0884, -5.9610, -35.9863



51.9111, -7.3528, -49.0118



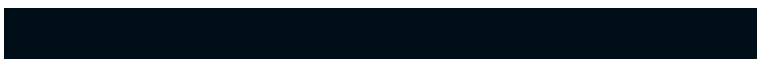
19.7210, 37.7099, -106.0488



29.3474, -2.6590, -0.0497



33.6619, -5.3577, -30.5087



6.4074, -2.0587, -3.5645

Inverse Universe

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



31.8163, 58.3715, -9.5991



42.5278, 77.9441, -12.1615



53.7430, -3.5988, 33.0522



28.4635, 1.7454, 0.1868



27.2891, 50.1051, -8.5034



4.6561, 8.7300, -2.8549

Previews

White Background



This preview shows how the HunterLab color 39.0878, -5.9616, -35.9871 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 39.0878, -5.9616, -35.9871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

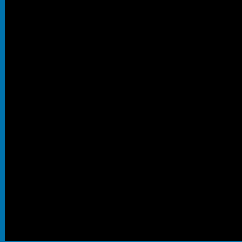
Any Text WCAG AA × Fail

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 39.0878, -5.9616, -35.9871 Background



This preview shows how black text looks on a background with the HunterLab color 39.0878, -5.9616, -35.9871.



This preview shows how white text looks on a background with the HunterLab color 39.0878, -5.9616, -35.9871.

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

39.0878, -5.9616, -35.9871

Protanopia

39.1705, 5.1162, -30.3804

Deuteranopia

39.1093, 2.9163, -36.5576



Tritanopia

39.0979, -18.8101, -8.2634

Trichromacy



Original Color

39.0878, -5.9616, -35.9871

Protanomaly

38.5450, -0.9152, -34.0029

Deuteranomaly

38.7076, -1.3022, -37.5090

Tritanomaly

39.0755, -14.5468, -17.4386

Monochromacy



Original Color

39.0878, -5.9616, -35.9871

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.6644, -7.3235, -11.1110

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.0878, -5.9616, -35.9871 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, 115, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 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, 115, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 39.0878, -5.9616, -35.9871 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, 115, 173) }
```


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

```
.border{ border-color:rgb(0, 115, 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, 115, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.0878, -5.9616, -35.9871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 173) }
```

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

```
.background{ background-color: rgb(0, 115,  
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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