

Converting Colors

HunterLab(40.0129, 4.8669,
-58.9791)

Have a look what the booklet for
HunterLab(40.0129, 4.8669,
-58.9791) contains.

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Color

**HunterLab(40.0129, 4.8669,
-58.9791)**

Conversions

Conversions Part 1

Format	Color
Hex	1070CB
RGB	16, 112, 203
RGB Percent	6%, 44%, 80%
CMY	0.9371, 0.5608, 0.2039
CMYK	0.92, 0.45, 0.00, 0.20
HSL	209°, 85%, 43%
HSV	209°, 92%, 80%
XYZ	16.7874, 16.0103, 58.7055
YIQ	93.6700, -86.4270, 7.9490

Conversions

Conversions Part 2

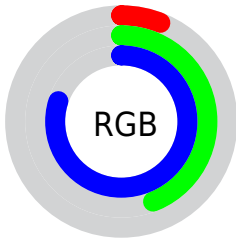
Format	Color
R_{YB}	16, 79, 203
Decimal	1077451
CIE _{Lab}	46.99, 9.03, -54.18
CIE _{LCh}	47, 54.928, 279.467
Yxy	16.0108, 0.1835, 0.1750
Android (android.graphics.Color)	4279267531 (0xFF1070CB)
YUV	93.6700, 53.8997, -68.1166
Hunter-Lab	40.0129, 4.8669, -58.9791

Details

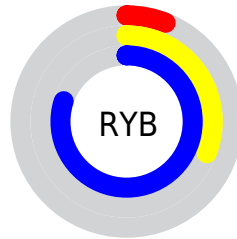
The HunterLab color **40.0129, 4.8669, -58.9791** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **48.2249, 26.5883, 29.5772**, and the grayscale version is **33.1668, -1.7697, 1.8020**.

A 20% lighter version of the original color is **60.1990, 3.2560, -56.0279**, and **24.3284, 10.5136, -53.1042** is the 20% darker color. If you saturate the color by 10%, you get **37.7521, 8.4021, -65.3246**, and if you desaturate by 10%, it is **43.1078, 1.0158, -51.1294**.

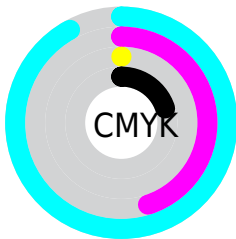
Distribution



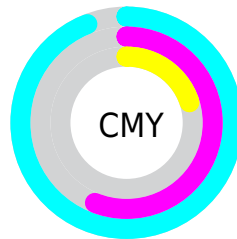
- Red (6%)
- Green (44%)
- Blue (80%)



- Red (6%)
- Yellow (31%)
- Blue (80%)



- Cyan (92%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (94%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0129, 4.8669, -58.9791 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 40.0129, 4.8669, -58.9791 by changing the saturation by 10% instead.

■ 40.0129, 4.8669,
-58.9791

■ 40.0129, 4.8669,
-58.9791

■ 151.4613, 2.6176,
-65.2310

■ 30.8736, 4.8161,
-58.9651

■ 60.5119, 4.7451,
-60.0070

■ 22.5602, 4.6712,
-59.7468

■ 71.7725, 4.5879,
-60.7297

■ 15.1656, 4.4127,
-62.2676

■ 83.6560, 4.3752,
-61.4998

■ 8.7959, 4.1122,
-69.5949

■ 96.1314, 4.1117,
-62.2831

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.1718, 3.8013,
-63.0588

0.0000, NaN, -NF

122.7538, 3.4470,

0.0000, NaN, NaN

-63.8136

0.0000, NaN, NaN

136.8564, 3.0517,
-64.5394

■ 40.0129, 4.8669,
-58.9791

■ 40.0129, 4.8669,
-58.9791

■ 37.7521, 8.4021,
-65.3246

■ 43.1078, 1.0158,
-51.1294

■ 46.4853, -1.9972,
-43.4547

■ 50.1263, -4.1991,
-36.0153

■ 54.0072, -5.6541,
-28.8471

■ 58.1046, -6.4407,
-21.9620

■ 62.3969, -6.6386,
-15.3546

■ 66.8645, -6.3229,
-9.0090

■ 71.4904, -5.5605,
-2.9034

■ 76.2597, -4.4098,
2.9861

Harmonies

Analogous

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



40.0135, -15.5875, -54.6569



40.0129, 4.8669, -58.9791



40.0135, 27.5650, -41.4320

Triad

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



40.0135, 4.8680, -58.9781



40.0135, 34.8972, 19.9405



40.0135, -33.8736, 13.6308

Complementary

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



40.0129, 4.8669, -58.9791



48.2249, 26.5883, 29.5772

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.



40.0135, -25.1035, 22.1593



40.0129, 4.8669, -58.9791



40.0135, 13.3641, 24.2426

Square

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



40.0135, 4.8680, -58.9781



40.0135, 47.1540, 8.1035



40.0135, -8.6913, 24.7590



40.0135, -35.2078, -4.8201

Rectangle

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



40.0129, 4.8669, -58.9791



40.0135, 39.8958, -23.2889



40.0135, -8.6913, 24.7590



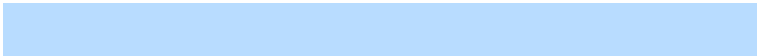
40.0135, -31.8014, 17.4120

Sweetspot

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



40.0135, 4.8680, -58.9781



82.8722, -8.5110, -16.7696



66.2357, -50.7147, 27.6224



37.1860, -3.9764, -9.4426

0.0000, NaN, NaN



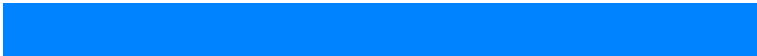
46.2646, -2.4686, 2.5136

Same Dimension

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



40.0135, 4.8680, -58.9781



48.3967, 11.7584, -85.8747



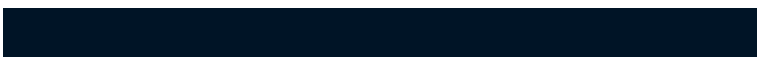
22.1203, 51.9036, -136.9009



34.3224, -2.4931, -0.6089



30.4189, 6.1197, -51.2317



7.9311, -0.4289, -8.9873

Inverse Universe

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



37.7333, 65.1890, 0.3053



47.8494, 85.3618, 4.4217



73.4774, -18.4154, 44.5574



33.6277, 1.9226, 0.7998



29.5586, 52.8430, 1.8679



6.8268, 12.4119, -1.1763

Previews

White Background



This preview shows how the HunterLab color 40.0129, 4.8669, -58.9791 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 40.0129, 4.8669, -58.9791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

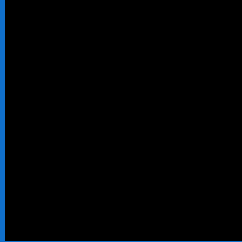
Any Text WCAG AA × Fail

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 40.0129, 4.8669, -58.9791 Background



This preview shows how black text looks on a background with the HunterLab color 40.0129, 4.8669, -58.9791.



This preview shows how white text looks on a background with the HunterLab color 40.0129, 4.8669, -58.9791.

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

40.0129, 4.8669, -58.9791

Protanopia

40.0524, 10.0663, -55.1291

Deuteranopia

39.9755, 2.9623, -56.3606



Tritanopia

39.7893, -19.1720, -8.3463

Trichromacy



Original Color

40.0129, 4.8669, -58.9791

Protanomaly

39.6684, 7.5851, -57.0964

Deuteranomaly

40.0824, 3.4373, -56.9794

Tritanomaly

39.6245, -11.4856, -24.1865

Monochromacy



Original Color

40.0129, 4.8669, -58.9791

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.9097, -3.8061, -16.8612

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0129, 4.8669, -58.9791 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(16, 112, 203)` looks like.

```
.text, #text, p{  
    color:rgb(16, 112, 203)  
}
```

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(16, 112, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 112, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0129, 4.8669, -58.9791 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(16, 112, 203) }
```


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

```
.border{ border-color:rgb(16, 112, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 112, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 112, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 112, 203);  
box-shadow:4px 4px 4px 4px rgb(16, 112,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0129, 4.8669, -58.9791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 112, 203) }
```

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

```
.background{ background-color: rgb(16, 112,  
203) }
```

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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