

Converting Colors

HunterLab(40.4398, 2.7379,
-56.4565)

Have a look what the booklet for
HunterLab(40.4398, 2.7379,
-56.4565) contains.

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Color

**HunterLab(40.3134, 2.7759,
-56.3805)**

Conversions

Conversions Part 1	
Format	Color
Hex	0072C9
RGB	0, 114, 201
RGB Percent	0%, 45%, 79%
CMY	0.9998, 0.5529, 0.2118
CMYK	1.00, 0.43, 0.00, 0.21
HSL	206°, 100%, 39%
HSV	206°, 100%, 79%
XYZ	16.5600, 16.2517, 57.5225
YIQ	89.8320, -95.8710, 2.8890

Conversions

Conversions Part 2

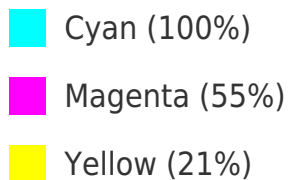
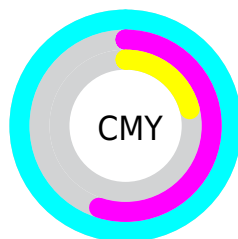
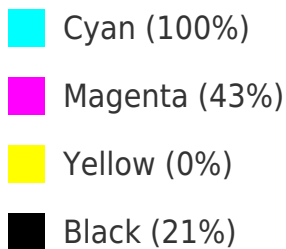
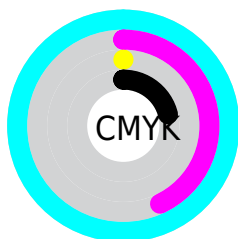
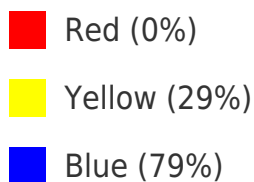
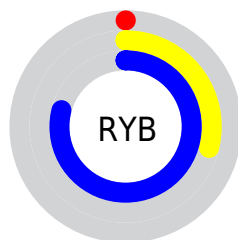
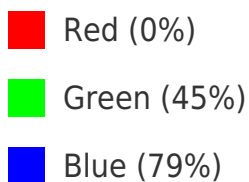
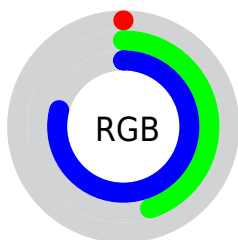
Format	Color
RYB	0, 73, 201
Decimal	29385
CIELab	47.30, 6.40, -52.54
CIELCh	47, 52.925, 276.951
Yxy	16.2522, 0.1833, 0.1799
Android (android.graphics.Color)	4278219465 (0xFF0072C9)
YUV	89.8320, 54.8058, -78.7827
Hunter-Lab	40.3134, 2.7759, -56.3805

Details

The HunterLab color **40.3134, 2.7759, -56.3805** 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 **43.8652, 35.1404, 27.6429**, and the grayscale version is **31.7483, -1.6940, 1.7249**.

A 20% lighter version of the original color is **60.6028, 1.5768, -55.1876**, and **24.6772, 8.8626, -49.9762** is the 20% darker color. If you saturate the color by 10%, you get **40.3081, 2.7856, -56.3949**, and if you desaturate by 10%, it is **42.9646, -0.9030, -49.7968**.


Distribution





Brightness & Saturation Gradients


These gradients show how the HunterLab color 40.3134, 2.7759, -56.3805 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 40.3134, 2.7759, -56.3805 by changing the saturation by 10% instead.

 40.3134, 2.7759,
-56.3805


 40.3134, 2.7759,
-56.3805


 151.9293, -0.5469,
-62.6088

 31.1493, 2.8801,
-56.2604


 60.8567, 2.3736,
-57.4911


 22.8086, 2.9034,
-56.8435

 72.1374, 2.0878,
-58.2217

 15.3833, 2.8299,
-58.9681


 84.0400, 1.7527,
-58.9873

 8.9920, 2.6782,
-65.2282

 96.5336, 1.3723,
-59.7577

0.0000, NaN, -NF

0.0000, NaN, -NF

 109.5915, 0.9497,
-60.5145

0.0000, NaN, -NF

123.1901, 0.4875,

0.0000, NaN, NaN

-61.2462

0.0000, NaN, NaN

137.3089, -0.0120,
-61.9457

■ 40.3134, 2.7759,
-56.3805

■ 40.3134, 2.7759,
-56.3805

■ 40.3081, 2.7856,
-56.3949

■ 42.9646, -0.9030,
-49.7968

■ 45.8418, -3.9113,
-43.2906

■ 48.9652, -6.1424,
-36.8460

■ 52.3225, -7.6203,
-30.5098

■ 55.8970, -8.3977,
-24.3166

■ 59.6710, -8.5401,
-18.2864

■ 63.6273, -8.1161,
-12.4272

■ 67.7496, -7.1913,
-6.7378

■ 72.0234, -5.8259,
-1.2108

Harmonies

Analogous

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



40.3140, -16.5822, -50.4994



40.3134, 2.7759, -56.3805



40.3140, 24.6690, -41.3007

Triad

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



40.3140, 2.7770, -56.3795



40.3140, 34.8373, 18.9636



40.3140, -32.6278, 14.3814

Complementary

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



40.3134, 2.7759, -56.3805



43.8652, 35.1404, 27.6429

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.



40.3140, -23.3965, 22.2401



40.3134, 2.7759, -56.3805



40.3140, 14.6425, 23.7994

Square

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



40.3140, 2.7770, -56.3795



40.3140, 45.4483, 6.5124



40.3140, -6.8573, 24.5888



40.3140, -34.5416, -2.6613

Rectangle

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



40.3134, 2.7759, -56.3805



40.3140, 36.9241, -24.3945



40.3140, -6.8573, 24.5888



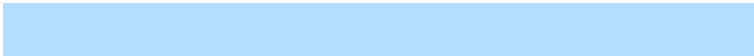
40.3140, -30.3832, 17.8628

Sweetspot

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



40.3140, 2.7770, -56.3795



83.0201, -10.6587, -16.5955



65.1234, -52.3523, 31.6176



37.3741, -5.0744, -9.1835

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3140, 2.7770, -56.3795



52.2967, 4.4425, -74.9564



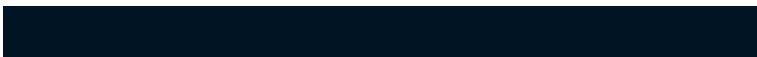
21.4752, 51.6924, -138.4236



33.5691, -2.6614, -0.4102



32.2500, 1.6973, -43.9737



7.9657, -1.2038, -7.3577

Inverse Universe

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



36.9236, 66.5161, -1.6466



48.2619, 86.8603, -1.4527



68.4138, -12.0164, 41.9448



32.7659, 1.9398, 0.5712



29.3086, 52.8609, -1.7514



6.4890, 11.9044, -1.9448

Previews

White Background



This preview shows how the HunterLab color 40.3134, 2.7759, -56.3805 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 40.3134, 2.7759, -56.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

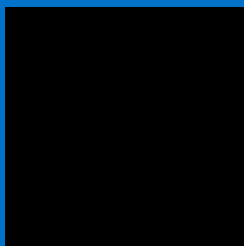
Any Text WCAG AA × Fail

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 40.3134, 2.7759, -56.3805 Background



This preview shows how black text looks on a background with the HunterLab color 40.3134, 2.7759, -56.3805.



This preview shows how white text looks on a background with the HunterLab color 40.3134, 2.7759, -56.3805.

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

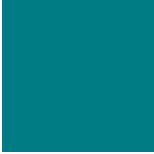
40.3134, 2.7759, -56.3805

Protanopia

40.3739, 9.3907, -51.6503

Deuteranopia

40.4609, 3.2701, -55.9846



Tritanopia

40.1357, -19.3534, -8.3877

Trichromacy



Original Color

40.3134, 2.7759, -56.3805

Protanomaly

40.0337, 5.7585, -54.3549

Deuteranomaly

40.4015, 3.0714, -56.1437

Tritanomaly

39.8768, -12.0938, -23.7355

Monochromacy



Original Color

40.3134, 2.7759, -56.3805

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.7716, -5.3022, -16.3599

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3134, 2.7759, -56.3805 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, 114, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 201)  
}
```

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, 114, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3134, 2.7759, -56.3805 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, 114, 201) }
```


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

```
.border{ border-color:rgb(0, 114, 201) }
```

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

Here you see how a box with a 4 pixel rgb(0, 114, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3134, 2.7759, -56.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 201) }
```

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

```
.background{ background-color: rgb(0, 114,  
201) }
```

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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