

Converting Colors

HunterLab(34.1145, -15.6989,
-77.7336)

Have a look what the booklet for
HunterLab(34.1145, -15.6989,
-77.7336) contains.

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Color

**HunterLab(39.8750, 4.4107,
-59.3616)**

Conversions

Conversions Part 1

Format	Color
Hex	0070CB
RGB	0, 112, 203
RGB Percent	0%, 44%, 80%
CMY	0.9998, 0.5608, 0.2039
CMYK	1.00, 0.45, 0.00, 0.20
HSL	207°, 100%, 40%
HSV	207°, 100%, 80%
XYZ	16.5737, 15.9002, 58.6955
YIQ	88.8860, -95.9630, 4.5570

Conversions

Conversions Part 2

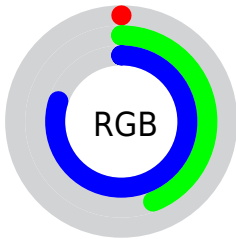
Format	Color
RYB	0, 72, 203
Decimal	28875
CIELab	46.84, 8.46, -54.42
CIELCh	47, 55.075, 278.840
Yxy	15.9006, 0.1818, 0.1744
Android (android.graphics.Color)	4278218955 (0xFF0070CB)
YUV	88.8860, 56.2582, -77.9530
Hunter-Lab	39.8750, 4.4107, -59.3616

Details

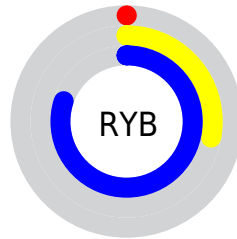
The HunterLab color **39.8750, 4.4107, -59.3616** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **44.9298, 34.0993, 28.2808**, and the grayscale version is **31.3950, -1.6752, 1.7058**.

A 20% lighter version of the original color is **60.0092, 2.6153, -56.4507**, and **24.3284, 10.5136, -53.1042** is the 20% darker color. If you saturate the color by 10%, you get **39.8694, 4.4212, -59.3773**, and if you desaturate by 10%, it is **42.6192, 0.4911, -52.3306**.

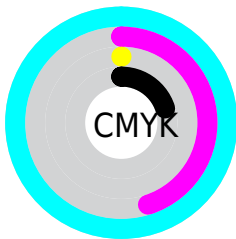
Distribution



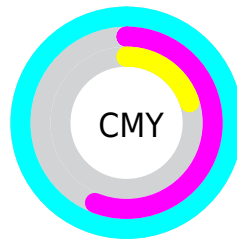
- Red (0%)
- Green (44%)
- Blue (80%)



- Red (0%)
- Yellow (28%)
- Blue (80%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.8750, 4.4107, -59.3616 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 39.8750, 4.4107, -59.3616 by changing the saturation by 10% instead.

■ 39.8750, 4.4107,
-59.3616

■ 39.8750, 4.4107,
-59.3616

■ 151.2463, 1.9390,
-65.6100

■ 30.7471, 4.3915,
-59.3696

■ 60.3536, 4.2313,
-60.3719

■ 22.4463, 4.2807,
-60.1934

■ 71.6049, 4.0475,
-61.0924

■ 15.0658, 4.0592,
-62.8016

■ 83.4796, 3.8094,
-61.8625

■ 8.7043, 3.8313,
-70.4336

■ 95.9466, 3.5217,
-62.6475

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 108.9790, 3.1879,
-63.4258

0.0000, NaN, -NF

122.5533, 2.8111,

0.0000, NaN, NaN

-64.1842

0.0000, NaN, NaN

136.6486, 2.3941,
-64.9140

■ 39.8750, 4.4107,
-59.3616

■ 39.8750, 4.4107,
-59.3616

■ 39.8694, 4.4212,
-59.3773

■ 42.6192, 0.4911,
-52.3306

■ 45.6024, -2.7328,
-45.4067

■ 48.8431, -5.1559,
-38.5784

■ 52.3263, -6.8065,
-31.8954

■ 56.0335, -7.7421,
-25.3920

■ 59.9451, -8.0328,
-19.0856

■ 64.0428, -7.7507,
-12.9801

■ 68.3094, -6.9642,
-7.0702

■ 72.7296, -5.7354,
-1.3445

Harmonies

Analogous

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



39.8756, -15.9589, -54.5318



39.8750, 4.4107, -59.3616



39.8756, 27.1896, -42.1072

Triad

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



39.8756, 4.4118, -59.3606



39.8756, 35.3703, 19.7749



39.8756, -33.7770, 13.8994

Complementary

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



39.8750, 4.4107, -59.3616



44.9298, 34.0993, 28.2808

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.



39.8756, -24.8494, 22.2381



39.8750, 4.4107, -59.3616



39.8756, 13.8858, 24.1671

Square

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



39.8756, 4.4118, -59.3606



39.8756, 47.3854, 7.7440



39.8756, -8.2751, 24.7385



39.8756, -35.2614, -4.3454

Rectangle

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



39.8750, 4.4107, -59.3616



39.8756, 39.6817, -23.9512



39.8756, -8.2751, 24.7385



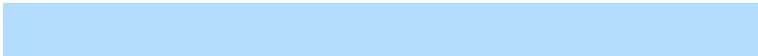
39.8756, -31.6539, 17.6082

Sweetspot

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



39.8756, 4.4118, -59.3606



82.6428, -10.0588, -17.1259



65.8916, -52.6840, 31.3735



37.1752, -4.7594, -9.4724

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



39.8756, 4.4118, -59.3606



51.1573, 6.5172, -78.0110



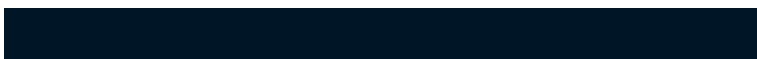
21.4824, 53.2374, -141.7675



34.4278, -2.6660, -0.4805



32.0938, 3.0029, -46.5968



8.2556, -0.9577, -8.2514

Inverse Universe

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



37.2391, 66.9074, -0.2888



48.1384, 86.4125, 0.3000



70.2101, -13.7289, 43.0217



33.6385, 1.9809, 0.6450



29.7368, 53.4903, -0.6688



6.8655, 12.5514, -1.7186

Previews

White Background



This preview shows how the HunterLab color 39.8750, 4.4107, -59.3616 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 39.8750, 4.4107, -59.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

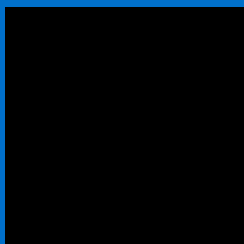
Any Text WCAG AA × Fail

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 39.8750, 4.4107, -59.3616 Background



This preview shows how black text looks on a background with the HunterLab color 39.8750, 4.4107, -59.3616.



This preview shows how white text looks on a background with the HunterLab color 39.8750, 4.4107, -59.3616.

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

39.8750, 4.4107, -59.3616

Protanopia

40.0524, 10.0663, -55.1291

Deuteranopia

39.9171, 2.6499, -55.6133



Tritanopia

39.7550, -19.3745, -7.8664

Trichromacy



Original Color

39.8750, 4.4107, -59.3616

Protanomaly

39.5234, 7.1155, -57.4934

Deuteranomaly

39.9755, 2.9623, -56.3606

Tritanomaly

39.5322, -11.9155, -23.6897

Monochromacy



Original Color

39.8750, 4.4107, -59.3616

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.2129, -4.4251, -17.3126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.8750, 4.4107, -59.3616 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, 112, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 112, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 39.8750, 4.4107, -59.3616 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, 112, 203) }
```


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

```
.border{ border-color:rgb(0, 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(0, 112, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.8750, 4.4107, -59.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 203) }
```

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

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