

Converting Colors

HunterLab(38.5915, 16.8946,
-84.7066)

Have a look what the booklet for
HunterLab(38.5915, 16.8946,
-84.7066) contains.

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Color

**HunterLab(38.5805, 16.7172,
-84.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	0066E0
RGB	0, 102, 224
RGB Percent	0%, 40%, 88%
CMY	0.9998, 0.6000, 0.1216
CMYK	1.00, 0.54, 0.00, 0.12
HSL	213°, 100%, 44%
HSV	213°, 100%, 88%
XYZ	18.2059, 14.8845, 72.4344
YIQ	85.4100, -99.9540, 16.3180

Conversions

Conversions Part 2

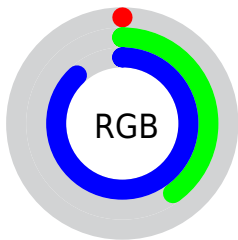
Format	Color
RYB	0, 70, 224
Decimal	26336
CIELab	45.48, 23.24, -68.60
CIELCh	45, 72.430, 288.718
Yxy	14.8849, 0.1725, 0.1411
Android (android.graphics.Color)	4278216416 (0xFF0066E0)
YUV	85.4100, 68.3249, -74.9046
Hunter-Lab	38.5805, 16.7172, -84.3099

Details

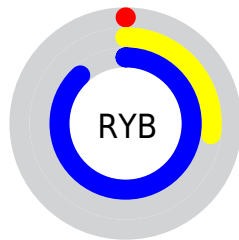
The HunterLab color **38.5805, 16.7172, -84.3099** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **54.5717, 27.8381, 34.1124**, and the grayscale version is **30.0804, -1.6050, 1.6343**.

A 20% lighter version of the original color is **57.1662, 9.5703, -62.7295**, and **23.9863, 21.5098, -76.4142** is the 20% darker color. If you saturate the color by 10%, you get **38.5726, 16.7345, -84.3373**, and if you desaturate by 10%, it is **41.9978, 10.8109, -73.4899**.

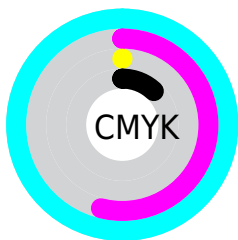
Distribution



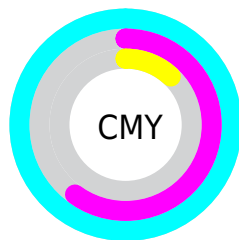
- Red (0%)
- Green (40%)
- Blue (88%)



- Red (0%)
- Yellow (27%)
- Blue (88%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (60%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.5805, 16.7172, -84.3099 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 38.5805, 16.7172, -84.3099 by changing the saturation by 10% instead.

■ 38.5805, 16.7172,
-84.3099

■ 38.5805, 16.7172,
-84.3099

■ 149.2208, 20.0414,
-89.4713

■ 29.5612, 15.8914,
-85.6577

■ 58.8652, 18.0267,
-84.0800

■ 21.3802, 14.9251,
-88.8457

■ 70.0285, 18.5337,
-84.5555

■ 14.1347, 13.8021,
-96.0036

■ 81.8199, 18.9565,
-85.2213

■ 7.7862, 13.4520,
-116.6884

■ 94.2076, 19.3029,
-85.9994

0.0000, INF, -NF

0.0000, NaN, -NF

■ 107.1642, 19.5795,
-86.8407

0.0000, NaN, -NF

120.6656, 19.7918,

0.0000, NaN, -NF

-87.7130

0.0000, NaN, NaN

134.6908, 19.9444,
-88.5948

■ 38.5805, 16.7172,
-84.3099

■ 38.5805, 16.7172,
-84.3099

■ 38.5726, 16.7345,
-84.3373

■ 41.9978, 10.8109,
-73.4899

■ 45.7846, 5.8175,
-63.0095

■ 49.9365, 1.8430,
-52.9277

■ 54.4162, -1.1691,
-43.3271

■ 59.1864, -3.3159,
-34.2325

■ 64.2129, -4.7056,
-25.6294

■ 69.4662, -5.4424,
-17.4811

■ 74.9209, -5.6195,
-9.7409

■ 80.5555, -5.3175,
-2.3599

Harmonies

Analogous

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



38.5810, -12.0102, -89.0238



38.5805, 16.7172, -84.3099



38.5810, 47.1265, -49.0578

Triad

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



38.5810, 16.7189, -84.3089



38.5810, 40.1226, 24.1390



38.5810, -41.8491, 10.8135

Complementary

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



38.5805, 16.7172, -84.3099



54.5717, 27.8381, 34.1124

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.



38.5810, -34.6778, 22.8820



38.5805, 16.7172, -84.3099



38.5810, 9.0120, 26.2141

Square

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



38.5810, 16.7189, -84.3089



38.5810, 63.0715, 15.1548



38.5810, -17.8185, 25.9529



38.5810, -40.8718, -18.1409

Rectangle

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



38.5805, 16.7172, -84.3099



38.5810, 61.7737, -21.4093



38.5810, -17.8185, 25.9529



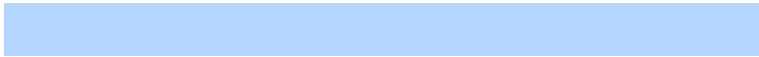
38.5810, -40.4180, 16.4161

Sweetspot

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



38.5810, 16.7189, -84.3089



80.3094, -6.2910, -20.4700



73.9295, -56.9042, 30.4371



35.9466, -2.7791, -11.2987

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.5810, 16.7189, -84.3089



44.4177, 19.9415, -98.5661



23.3058, 62.9899, -163.9426



37.7703, -2.4708, -0.9242



29.8059, 11.9623, -63.0779



8.9054, 1.0681, -13.4367

Inverse Universe

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



40.9975, 72.5415, 8.3534



47.4582, 83.9345, 10.0400



82.4575, -24.9501, 50.3719



37.1534, 2.0767, 1.1320



31.3127, 55.4782, 5.8606



8.3517, 14.9987, 0.0004

Previews

White Background



This preview shows how the HunterLab color 38.5805, 16.7172, -84.3099 looks on a white background.

Color Contrast Check

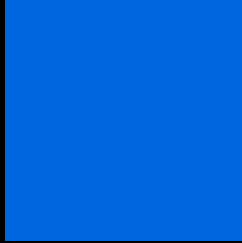
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5805, 16.7172, -84.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

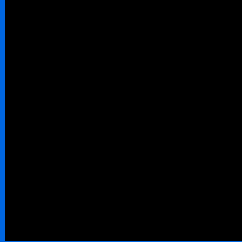
Any Text WCAG AA × Fail

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 38.5805, 16.7172, -84.3099 Background



This preview shows how black text looks on a background with the HunterLab color 38.5805, 16.7172, -84.3099.



This preview shows how white text looks on a background with the HunterLab color 38.5805, 16.7172, -84.3099.

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

38.5805, 16.7172, -84.3099

Deuteranopia

38.5045, 1.0475, -50.3886

Tritanopia

38.3406, -18.8509, -7.2286

Trichromacy



Original Color

38.5805, 16.7172, -84.3099

Deuteranomaly

38.4443, 6.6327, -62.3701

Tritanomaly

37.9722, -8.0358, -30.1150

Monochromacy



Original Color

38.5805, 16.7172, -84.3099

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.6923, -0.7926, -24.0610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.5805, 16.7172, -84.3099 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, 102, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 224)  
}
```

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, 102, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5805, 16.7172, -84.3099 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, 102, 224) }
```

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

```
.border{ border-color:rgb(0, 102, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 102,  
224) }
```


Background

The CSS property to change the background color of an element to HunterLab 38.5805, 16.7172, -84.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 224) }
```

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

```
.background{ background-color: rgb(0, 102,  
224) }
```

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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