

Converting Colors

HunterLab(38.3944, 13.4861,
-83.1949)

Have a look what the booklet for
HunterLab(38.3944, 13.4861,
-83.1949) contains.

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Color

**HunterLab(38.9545, 14.9295,
-80.9184)**

Conversions

Conversions Part 1

Format	Color
Hex	0068DE
RGB	0, 104, 222
RGB Percent	0%, 41%, 87%
CMY	0.9998, 0.5922, 0.1294
CMYK	1.00, 0.53, 0.00, 0.13
HSL	212°, 100%, 44%
HSV	212°, 100%, 87%
XYZ	18.1351, 15.1745, 71.0803
YIQ	86.3560, -99.8620, 14.6500

Conversions

Conversions Part 2

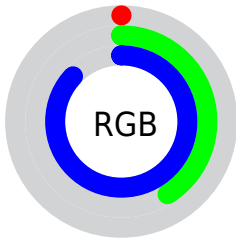
Format	Color
RYB	0, 71, 222
Decimal	26846
CIELab	45.87, 21.16, -66.82
CIELCh	46, 70.091, 287.571
Yxy	15.1749, 0.1737, 0.1454
Android (android.graphics.Color)	4278216926 (0xFF0068DE)
YUV	86.3560, 66.8725, -75.7342
Hunter-Lab	38.9545, 14.9295, -80.9184

Details

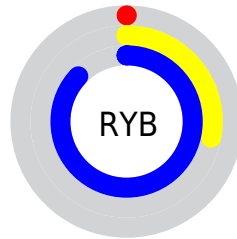
The HunterLab color **38.9545, 14.9295, -80.9184** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **53.3849, 28.9853, 33.4013**, and the grayscale version is **30.4310, -1.6237, 1.6534**.

A 20% lighter version of the original color is **57.6838, 8.3324, -61.5516**, and **24.0401, 20.2706, -73.8066** is the 20% darker color. If you saturate the color by 10%, you get **38.9471, 14.9454, -80.9432**, and if you desaturate by 10%, it is **42.2999, 9.2926, -70.6376**.

Distribution



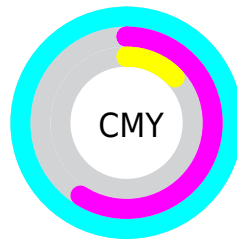
- Red (0%)
- Green (41%)
- Blue (87%)



- Red (0%)
- Yellow (28%)
- Blue (87%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (59%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9545, 14.9295, -80.9184 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 38.9545, 14.9295, -80.9184 by changing the saturation by 10% instead.

■ 38.9545, 14.9295,
-80.9184

■ 38.9545, 14.9295,
-80.9184

■ 149.8074, 17.4494,
-86.3840

■ 29.9036, 14.2124,
-82.0213

■ 59.2956, 16.0350,
-80.9257

■ 21.6876, 13.3589,
-84.7785

■ 70.4845, 16.4465,
-81.4555

■ 14.4027, 12.3493,
-91.0918

■ 82.3001, 16.7775,
-82.1519

■ 8.0632, 11.7840,
-108.6681

■ 94.7109, 17.0356,
-82.9444

0.0000, INF, -NF

0.0000, NaN, -NF

■ 107.6895, 17.2270,
-83.7883

0.0000, NaN, -NF

121.2121, 17.3569,

0.0000, NaN, -NF

-84.6548

0.0000, NaN, NaN

135.2577, 17.4298,
-85.5244

■ 38.9545, 14.9295,
-80.9184

■ 38.9545, 14.9295,
-80.9184

■ 38.9471, 14.9454,
-80.9432

■ 42.2999, 9.2926,
-70.6376

■ 45.9948, 4.5431,
-60.6624

■ 50.0389, 0.7847,
-51.0367

■ 54.3985, -2.0355,
-41.8372

■ 59.0394, -4.0091,
-33.0913

■ 63.9298, -5.2391,
-24.7905

■ 69.0415, -5.8248,
-16.9056

■ 74.3506, -5.8565,
-9.3971

■ 79.8363, -5.4120,
-2.2224

Harmonies

Analogous

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



38.9550, -12.6737, -83.9903



38.9545, 14.9295, -80.9184



38.9550, 44.3248, -48.3386

Triad

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



38.9550, 14.9311, -80.9174



38.9550, 39.6781, 23.8328



38.9550, -41.0248, 11.3518

Complementary

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



38.9545, 14.9295, -80.9184



53.3849, 28.9853, 33.4013

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.



38.9550, -33.5639, 22.9294



38.9545, 14.9295, -80.9184



38.9550, 9.7813, 26.1360

Square

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



38.9550, 14.9311, -80.9174



38.9550, 61.0830, 14.3127



38.9550, -16.5963, 25.9628



38.9550, -40.3508, -16.0081

Rectangle

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



38.9545, 14.9295, -80.9184



38.9550, 58.7347, -21.9297



38.9550, -16.5963, 25.9628



38.9550, -39.4935, 16.6882

Sweetspot

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



38.9550, 14.9311, -80.9174



80.6247, -6.8062, -20.0114



73.1264, -56.6924, 30.9838



36.1124, -3.0501, -11.0478

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.9550, 14.9311, -80.9174



45.2938, 18.0677, -95.6162



23.0203, 62.3192, -162.7142



37.8106, -2.5371, -0.8749



30.3781, 10.7648, -61.2081



9.0428, 0.8180, -13.0686

Inverse Universe

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



40.6575, 72.0780, 7.2162



47.5417, 84.2397, 8.8365



81.9725, -23.4130, 50.1000



37.1576, 2.0989, 1.0732



31.3682, 55.6807, 5.0627



8.3666, 15.0528, -0.2110

Previews

White Background



This preview shows how the HunterLab color 38.9545, 14.9295, -80.9184 looks on a white background.

Color Contrast Check

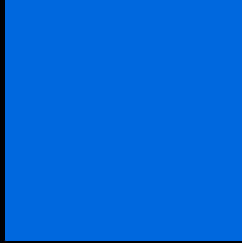
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9545, 14.9295, -80.9184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

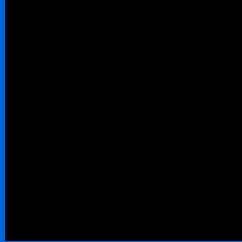
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

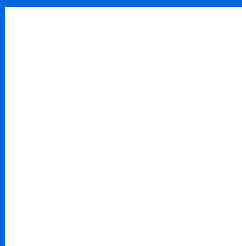
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 38.9545, 14.9295, -80.9184 Background



This preview shows how black text looks on a background with the HunterLab color 38.9545, 14.9295, -80.9184.



This preview shows how white text looks on a background with the HunterLab color 38.9545, 14.9295, -80.9184.

-80.9184.

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

38.9545, 14.9295, -80.9184

Protanopia

38.9545, 14.9295, -80.9184

Deuteranopia

38.8979, 1.1684, -51.1413



Tritanopia

38.7188, -18.8314, -7.7436

Trichromacy



Original Color

38.9545, 14.9295, -80.9184

Protanomaly

38.9545, 14.9295, -80.9184

Deuteranomaly

38.7161, 6.1216, -61.6065

Tritanomaly

38.2665, -8.4768, -29.5309

Monochromacy



Original Color

38.9545, 14.9295, -80.9184

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.2338, -1.7908, -22.3305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9545, 14.9295, -80.9184 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, 104, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 222)  
}
```

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, 104, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9545, 14.9295, -80.9184 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, 104, 222) }
```


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

```
.border{ border-color:rgb(0, 104, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9545, 14.9295, -80.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 222) }
```

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

```
.background{ background-color: rgb(0, 104,  
222) }
```

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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