

Converting Colors

HunterLab(35.2148, 4.5574,
-89.5929)

Have a look what the booklet for
HunterLab(35.2148, 4.5574,
-89.5929) contains.

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Color

**HunterLab(38.4219, 14.0867,
-78.4332)**

Conversions

Conversions Part 1

Format	Color
Hex	0067DA
RGB	0, 103, 218
RGB Percent	0%, 40%, 85%
CMY	0.9998, 0.5961, 0.1451
CMYK	1.00, 0.53, 0.00, 0.15
HSL	212°, 100%, 43%
HSV	212°, 100%, 85%
XYZ	17.5051, 14.7624, 68.2564
YIQ	85.3130, -98.3030, 13.9290

Conversions

Conversions Part 2

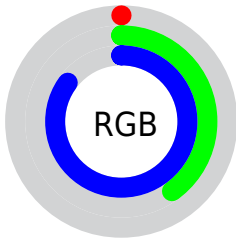
Format	Color
R _{YB}	0, 70, 218
Decimal	26586
CIE _{Lab}	45.31, 20.22, -65.47
CIE _{LCh}	45, 68.519, 287.166
Y _{xy}	14.7628, 0.1741, 0.1469
Android (android.graphics.Color)	4278216666 (0xFF0067DA)
YUV	85.3130, 65.4147, -74.8195
Hunter-Lab	38.4219, 14.0867, -78.4332

Details

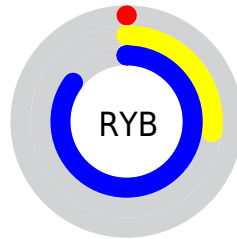
The HunterLab color **38.4219, 14.0867, -78.4332** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **52.1338, 28.7754, 32.6266**, and the grayscale version is **30.0545, -1.6036, 1.6329**.

A 20% lighter version of the original color is **57.3463, 8.6954, -62.3255**, and **23.7376, 18.8773, -70.4207** is the 20% darker color. If you saturate the color by 10%, you get **38.4147, 14.1021, -78.4573**, and if you desaturate by 10%, it is **41.6884, 8.6419, -68.4961**.

Distribution



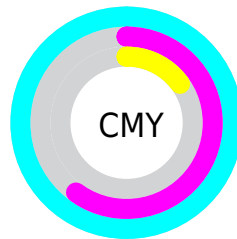
- Red (0%)
- Green (40%)
- Blue (85%)



- Red (0%)
- Yellow (27%)
- Blue (85%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (60%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4219, 14.0867, -78.4332 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 38.4219, 14.0867, -78.4332 by changing the saturation by 10% instead.

■ 38.4219, 14.0867,
-78.4332

■ 38.4219, 14.0867,
-78.4332

■ 148.9718, 16.2912,
-83.9825

■ 29.4161, 13.4101,
-79.4586

■ 58.6826, 15.1144,
-78.5245

■ 21.2499, 12.5978,
-82.1021

■ 69.8350, 15.4888,
-79.0739

■ 14.0213, 11.6287,
-88.2622

■ 81.6161, 15.7839,
-79.7802

■ 7.6654, 11.5060,
-107.0211

■ 93.9940, 16.0071,
-80.5754

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.9412, 16.1647,
-81.4166

0.0000, NaN, -NF

120.4336, 16.2618,

0.0000, NaN, -NF

-82.2761

0.0000, NaN, NaN

134.4501, 16.3027,
-83.1356

■ 38.4219, 14.0867,
-78.4332

■ 38.4219, 14.0867,
-78.4332

■ 38.4147, 14.1021,
-78.4573

■ 41.6884, 8.6419,
-68.4961

■ 45.2912, 4.0581,
-58.8522

■ 49.2317, 0.4382,
-49.5376

■ 53.4780, -2.2690,
-40.6257

■ 57.9973, -4.1518,
-32.1435

■ 62.7592, -5.3093,
-24.0845

■ 67.7366, -5.8380,
-16.4220

■ 72.9063, -5.8248,
-9.1194

■ 78.2483, -5.3457,
-2.1367

Harmonies

Analogous

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



38.4224, -12.6790, -80.9267



38.4219, 14.0867, -78.4332



38.4224, 42.6512, -47.2786

Triad

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



38.4224, 14.0883, -78.4322



38.4224, 38.8562, 23.3138



38.4224, -40.0465, 11.3370

Complementary

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



38.4219, 14.0867, -78.4332



52.1338, 28.7754, 32.6266

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.



38.4224, -32.6146, 22.5561



38.4219, 14.0867, -78.4332



38.4224, 9.8720, 25.6756

Square

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



38.4224, 14.0883, -78.4322



38.4224, 59.3891, 13.7780



38.4224, -15.9020, 25.5309



38.4224, -39.4888, -15.0427

Rectangle

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



38.4219, 14.0867, -78.4332



38.4224, 56.7383, -21.7302



38.4224, -15.9020, 25.5309



38.4224, -38.5071, 16.4960

Sweetspot

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



38.4224, 14.0883, -78.4322



80.7212, -6.9635, -19.8715



71.6435, -55.5303, 30.3284



36.1632, -3.1328, -10.9713

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.4224, 14.0883, -78.4322



45.5643, 17.4979, -94.7244



22.5542, 61.0545, -159.4002



36.9140, -2.4947, -0.8312



30.0880, 10.1823, -59.5882



8.7072, 0.5889, -12.1545

Inverse Universe

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



39.8571, 70.7060, 6.7093



47.5678, 84.3350, 8.4610



80.3086, -22.9363, 49.0831



36.2676, 2.0439, 1.0324



30.8831, 54.8561, 4.7015



7.9701, 14.3605, -0.3647

Previews

White Background



This preview shows how the HunterLab color 38.4219, 14.0867, -78.4332 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 38.4219, 14.0867, -78.4332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

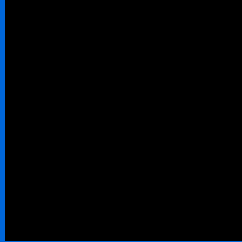
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

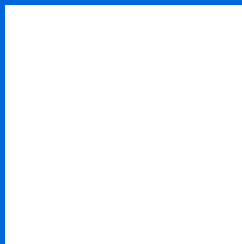
Any Text WCAG AAA × Fail

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

HunterLab 38.4219, 14.0867, -78.4332 Background



This preview shows how black text looks on a background with the HunterLab color 38.4219, 14.0867, -78.4332.



This preview shows how white text looks on a background with the HunterLab color 38.4219, 14.0867, -78.4332.

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

38.4219, 14.0867, -78.4332

Protanopia

38.5650, 14.5236, -77.9576

Deuteranopia

38.2249, 1.5365, -51.0947



Tritanopia

38.3406, -18.8509, -7.2286

Trichromacy



Original Color

38.4219, 14.0867, -78.4332

Protanomaly

38.5058, 14.3430, -78.1540

Deuteranomaly

38.3217, 5.9876, -60.8242

Tritanomaly

37.8331, -8.8212, -28.2456

Monochromacy



Original Color

38.4219, 14.0867, -78.4332

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.8308, -1.9697, -21.7535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4219, 14.0867, -78.4332 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, 103, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 218)  
}
```

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, 103, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4219, 14.0867, -78.4332 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, 103, 218) }
```


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

```
.border{ border-color:rgb(0, 103, 218) }
```

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

Here you see how a box with a 4 pixel rgb(0, 103, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4219, 14.0867, -78.4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 218) }
```

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

```
.background{ background-color: rgb(0, 103,  
218) }
```

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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