

Converting Colors

HunterLab(40.2290, 12.0434,
-72.2679)

Have a look what the booklet for
HunterLab(40.2290, 12.0434,
-72.2679) contains.

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Color

**HunterLab(40.3615, 12.0181,
-72.3555)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6DDA
RGB	31, 109, 218
RGB Percent	12%, 43%, 85%
CMY	0.8783, 0.5725, 0.1451
CMYK	0.86, 0.50, 0.00, 0.15
HSL	215°, 75%, 49%
HSV	215°, 86%, 85%
XYZ	18.6886, 16.2905, 68.4890
YIQ	98.1040, -81.4770, 17.3630

Conversions

Conversions Part 2

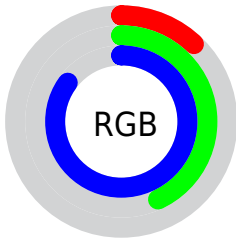
Format	Color
RYB	31, 86, 218
Decimal	2059738
CIELab	47.35, 17.67, -62.13
CIELCh	47, 64.597, 285.879
Yxy	16.2909, 0.1806, 0.1574
Android (android.graphics.Color)	4280249818 (0xFF1F6DDA)
YUV	98.1040, 59.1087, -58.8502
Hunter-Lab	40.3615, 12.0181, -72.3555

Details

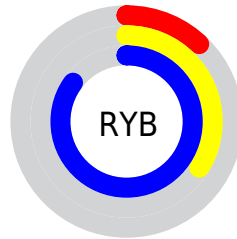
The HunterLab color **40.3615, 12.0181, -72.3555** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **58.1094, 16.7029, 34.7750**, and the grayscale version is **34.7974, -1.8567, 1.8906**.

A 20% lighter version of the original color is **59.7839, 6.3777, -56.8760**, and **24.8267, 16.2224, -66.0508** is the 20% darker color. If you saturate the color by 10%, you get **36.7975, 17.9717, -83.8851**, and if you desaturate by 10%, it is **44.3415, 7.0909, -61.2443**.

Distribution



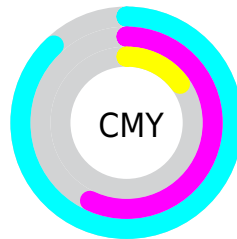
- Red (12%)
- Green (43%)
- Blue (85%)



- Red (12%)
- Yellow (34%)
- Blue (85%)



- Cyan (86%)
- Magenta (50%)
- Yellow (0%)
- Black (15%)



- Cyan (88%)
- Magenta (57%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3615, 12.0181, -72.3555 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 40.3615, 12.0181, -72.3555 by changing the saturation by 10% instead.

■ 40.3615, 12.0181,
-72.3555

■ 40.3615, 12.0181,
-72.3555

■ 152.0041, 13.1258,
-78.4339

■ 31.1934, 11.4974,
-72.8717

■ 60.9119, 12.7603,
-72.9136

■ 22.8484, 10.8517,
-74.5838

■ 72.1958, 13.0033,
-73.5611

■ 15.4182, 10.0586,
-78.8342

■ 84.1014, 13.1732,
-74.3172

■ 9.0229, 9.1381,
-89.7076

■ 96.5979, 13.2768,
-75.1297

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.6585, 13.3196,
-75.9655

0.0000, NaN, -NF

123.2599, 13.3062,

0.0000, NaN, -NF

-76.8034

0.0000, NaN, NaN

137.3812, 13.2405,
-77.6293

■ 40.3615, 12.0181,
-72.3555

■ 40.3615, 12.0181,
-72.3555

■ 36.7975, 17.9717,
-83.8851

■ 44.3415, 7.0909,
-61.2443

■ 35.3975, 20.6990,
-88.9270

■ 48.6912, 3.1764,
-50.7094

■ 53.3650, 0.1898,
-40.8080

■ 58.3208, -1.9830,
-31.5301

■ 63.5226, -3.4571,
-22.8285

■ 68.9403, -4.3375,
-14.6404

■ 74.5487, -4.7149,
-6.8994

■ 80.3273, -4.6654,
0.4571

■ 86.2586, -4.2521,
7.4857

Harmonies

Analogous

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



40.3620, -13.3407, -73.2606



40.3615, 12.0181, -72.3555



40.3620, 38.9892, -45.0541

Triad

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



40.3620, 12.0195, -72.3544



40.3620, 37.5529, 23.2879



40.3620, -39.2987, 11.9264

Complementary

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



40.3615, 12.0181, -72.3555



58.1094, 16.7029, 34.7750

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.



40.3620, -31.4526, 22.9483



40.3615, 12.0181, -72.3555



40.3620, 10.3977, 26.2321

Square

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



40.3620, 12.0195, -72.3544



40.3620, 56.0274, 12.9091



40.3620, -14.6099, 26.1646



40.3620, -39.0690, -12.6082

Rectangle

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



40.3615, 12.0181, -72.3555



40.3620, 52.4618, -21.6284



40.3620, -14.6099, 26.1646



40.3620, -37.6220, 16.8909

Sweetspot

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



40.3620, 12.0195, -72.3544



82.0316, -5.1458, -17.9222



72.2774, -52.0231, 24.2193



36.8946, -2.2401, -9.8468

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3620, 12.0195, -72.3544



41.9520, 25.4664, -107.4110



25.6266, 53.7996, -136.7289



36.7492, -2.2225, -1.0336



27.7638, 15.1876, -67.4880



8.1673, 1.5844, -13.6286

Inverse Universe

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



41.2198, 67.1517, 5.7644



47.2312, 83.1033, 13.3225



79.5597, -25.6050, 47.6089



36.2507, 1.9532, 1.2732



30.6626, 54.0499, 7.8808



7.9122, 14.1503, 0.4586

Previews

White Background



This preview shows how the HunterLab color 40.3615, 12.0181, -72.3555 looks on a white background.

Color Contrast Check

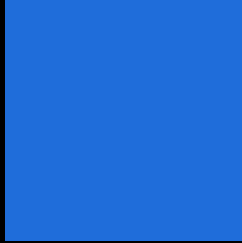
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3615, 12.0181, -72.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

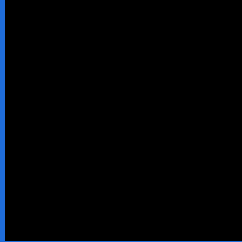
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

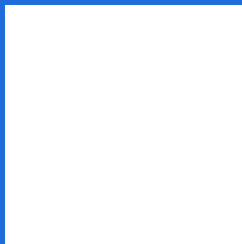
Any Text WCAG AAA × Fail

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

HunterLab 40.3615, 12.0181, -72.3555 Background



This preview shows how black text looks on a background with the HunterLab color 40.3615, 12.0181, -72.3555.



This preview shows how white text looks on a background with the HunterLab color 40.3615, 12.0181, -72.3555.

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

40.3615, 12.0181, -72.3555

Protanopia

40.3927, 13.3362, -71.2339

Deuteranopia

40.1972, 2.1528, -54.8902



Tritanopia

40.1014, -19.5560, -7.9074

Trichromacy



Original Color

40.3615, 12.0181, -72.3555

Protanomaly

40.2570, 12.9157, -71.6497

Deuteranomaly

40.1444, 5.6605, -61.4051

Tritanomaly

39.8863, -10.0760, -27.1056

Monochromacy



Original Color

40.3615, 12.0181, -72.3555

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.9327, -0.9961, -20.1021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3615, 12.0181, -72.3555 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(31, 109, 218)` looks like.

```
.text, #text, p{  
    color:rgb(31, 109, 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(31, 109, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 109, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3615, 12.0181, -72.3555 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(31, 109, 218) }
```


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

```
.border{ border-color:rgb(31, 109, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 109, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 109, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 109, 218);  
box-shadow:4px 4px 4px 4px rgb(31, 109,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3615, 12.0181, -72.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 109, 218) }
```

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

```
.background{ background-color: rgb(31, 109,  
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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