

Converting Colors

HunterLab(40.7417, 6.0531,
-57.6446)

Have a look what the booklet for
HunterLab(40.7417, 6.0531,
-57.6446) contains.

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Color

**HunterLab(40.7938, 6.1419,
-57.7841)**

Conversions

Conversions Part 1

Format	Color
Hex	2971CC
RGB	41, 113, 204
RGB Percent	16%, 44%, 80%
CMY	0.8392, 0.5569, 0.2000
CMYK	0.80, 0.45, 0.00, 0.20
HSL	213°, 67%, 48%
HSV	213°, 80%, 80%
XYZ	17.7187, 16.6413, 59.4051
YIQ	101.8460, -72.1230, 13.0370

Conversions

Conversions Part 2

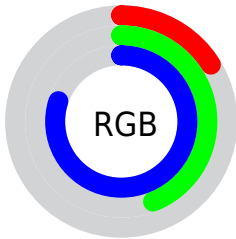
Format	Color
R_{YB}	41, 91, 204
Decimal	2716108
CIE _{Lab}	47.81, 10.61, -53.42
CIE _{LCh}	48, 54.459, 281.233
Yxy	16.6418, 0.1890, 0.1775
Android (android.graphics.Color)	4280906188 (0xFF2971CC)
YUV	101.8460, 50.3619, -53.3619
Hunter-Lab	40.7938, 6.1419, -57.7841

Details

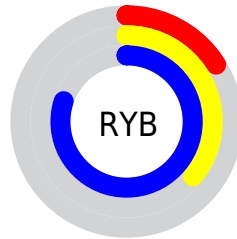
The HunterLab color **40.7938, 6.1419, -57.7841** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **54.3176, 15.2160, 31.4453**, and the grayscale version is **36.2306, -1.9332, 1.9685**.

A 20% lighter version of the original color is **61.0046, 4.4522, -54.2799**, and **24.6300, 10.3319, -53.0889** is the 20% darker color. If you saturate the color by 10%, you get **37.3381, 10.7351, -67.5180**, and if you desaturate by 10%, it is **44.5852, 2.4715, -48.4521**.

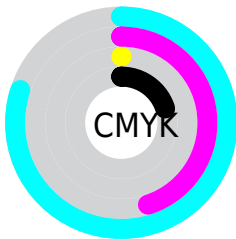
Distribution



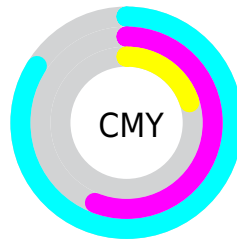
- Red (16%)
- Green (44%)
- Blue (80%)



- Red (16%)
- Yellow (36%)
- Blue (80%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7938, 6.1419, -57.7841 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 40.7938, 6.1419, -57.7841 by changing the saturation by 10% instead.

40.7938, 6.1419,
-57.7841

40.7938, 6.1419,
-57.7841

152.6761, 4.4799,
-64.0527

31.5903, 6.0088,
-57.6855

61.4076, 6.1710,
-58.8783

23.2063, 5.7763,
-58.3029

72.7203, 6.0838,
-59.6093

15.7324, 5.4240,
-60.4745

84.6533, 5.9380,
-60.3792

9.2958, 4.9222,
-66.6579

97.1758, 5.7388,
-61.1567

0.0000, INF, -NF

0.0000, NaN, -NF

110.2613, 5.4902,
-61.9226

0.0000, NaN, -NF

123.8865, 5.1956,

0.0000, NaN, NaN

-62.6651

0.0000, NaN, NaN

138.0309, 4.8580,
-63.3767

■ 40.7938, 6.1419,
-57.7841

■ 40.7938, 6.1419,
-57.7841

■ 37.3381, 10.7351,
-67.5180

■ 44.5852, 2.4715,
-48.4521

■ 34.2209, 16.1469,
-77.6072

■ 48.6742, -0.3346,
-39.5996

■ 34.1894, 16.2055,
-77.7168

■ 53.0260, -2.3663,
-31.2428

■ 57.6087, -3.7235,
-23.3614

■ 62.3951, -4.5009,
-15.9155

■ 67.3620, -4.7830,
-8.8573

■ 72.4899, -4.6422,
-2.1380

■ 77.7626, -4.1393,
4.2879

■ 83.1664, -3.3250,
10.4620

Harmonies

Analogous

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



40.7944, -14.5817, -54.8806



40.7938, 6.1419, -57.7841



40.7944, 28.6113, -39.5016

Triad

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



40.7944, 6.1429, -57.7831



40.7944, 33.5739, 20.5029



40.7944, -34.2651, 12.9060

Complementary

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



40.7938, 6.1419, -57.7841



54.3176, 15.2160, 31.4453

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.



40.7944, -25.8953, 22.0424



40.7938, 6.1419, -57.7841



40.7944, 11.9093, 24.6068

Square

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



40.7944, 6.1429, -57.7831



40.7944, 46.4876, 9.1281



40.7944, -9.8828, 24.9705



40.7944, -35.1806, -6.1563

Rectangle

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



40.7938, 6.1419, -57.7841



40.7944, 40.4791, -21.4422



40.7944, -9.8828, 24.9705



40.7944, -32.3254, 16.9148

Sweetspot

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



40.7944, 6.1429, -57.7831



83.8369, -6.0671, -15.3535



67.2958, -47.2608, 21.8290



37.7238, -2.7348, -8.6293

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.7944, 6.1429, -57.7831



45.0761, 18.9045, -96.3338



25.6974, 45.1022, -115.1820



34.1260, -2.1696, -0.8493



27.4525, 12.1434, -60.5273



7.3429, 0.5859, -10.4428

Inverse Universe

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



39.5178, 60.3725, 1.9678



47.7463, 83.3306, 9.4719



74.2039, -22.2816, 43.6568



33.6075, 1.8142, 1.0872



29.2640, 51.7686, 6.0947



6.7600, 12.1705, -0.2346

Previews

White Background



This preview shows how the HunterLab color 40.7938, 6.1419, -57.7841 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 40.7938, 6.1419, -57.7841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

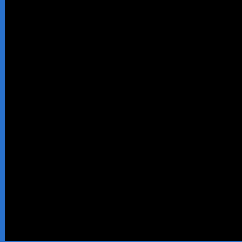
Any Text WCAG AA × Fail

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 40.7938, 6.1419, -57.7841 Background



This preview shows how black text looks on a background with the HunterLab color 40.7938, 6.1419, -57.7841.



This preview shows how white text looks on a background with the HunterLab color 40.7938, 6.1419, -57.7841.

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

40.7938, 6.1419, -57.7841

Protanopia

40.8301, 10.0560, -54.9060

Deuteranopia

40.8243, 3.4015, -57.7510



Tritanopia

40.4827, -19.5351, -8.4292

Trichromacy



Original Color

40.7938, 6.1419, -57.7841

Protanomaly

40.6976, 8.3797, -56.1798

Deuteranomaly

40.6604, 4.2865, -58.1709

Tritanomaly

40.3479, -11.8029, -23.5444

Monochromacy



Original Color

40.7938, 6.1419, -57.7841

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.2527, -2.3144, -15.9613

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7938, 6.1419, -57.7841 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(41, 113, 204)` looks like.

```
.text, #text, p{  
    color:rgb(41, 113, 204)  
}
```

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(41, 113, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 113, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7938, 6.1419, -57.7841 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(41, 113, 204) }
```


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

```
.border{ border-color:rgb(41, 113, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 113, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 113, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 113, 204);  
box-shadow:4px 4px 4px 4px rgb(41, 113,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7938, 6.1419, -57.7841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 113, 204) }
```

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

```
.background{ background-color: rgb(41, 113,  
204) }
```

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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