

Converting Colors

HunterLab(40.6258, 14.0036,
-58.0941)

Have a look what the booklet for
HunterLab(40.6258, 14.0036,
-58.0941) contains.

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Color

**HunterLab(40.6661, 13.9065,
-57.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6BCC
RGB	79, 107, 204
RGB Percent	31%, 42%, 80%
CMY	0.6902, 0.5804, 0.2000
CMYK	0.61, 0.48, 0.00, 0.20
HSL	227°, 55%, 55%
HSV	227°, 61%, 80%
XYZ	19.3813, 16.5373, 59.2973
YIQ	109.6860, -47.8250, 24.2310

Conversions

Conversions Part 2

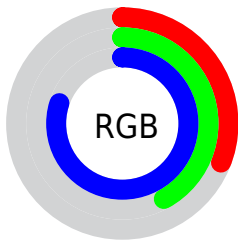
Format	Color
RYB	79, 102, 204
Decimal	5204940
CIELab	47.67, 19.85, -53.55
CIELCh	48, 57.107, 290.340
Yxy	16.5378, 0.2036, 0.1737
Android (android.graphics.Color)	4283395020 (0xFF4F6BCC)
YUV	109.6860, 46.4968, -26.9116
Hunter-Lab	40.6661, 13.9065, -57.9875

Details

The HunterLab color **40.6661, 13.9065, -57.9875** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **66.6747, -4.6674, 34.4240**, and the grayscale version is **39.2098, -2.0921, 2.1303**.

A 20% lighter version of the original color is **60.8909, 12.9222, -54.3735**, and **23.2414, 13.4016, -57.9800** is the 20% darker color. If you saturate the color by 10%, you get **35.7614, 19.4526, -72.3365**, and if you desaturate by 10%, it is **45.9996, 9.3393, -45.1244**.

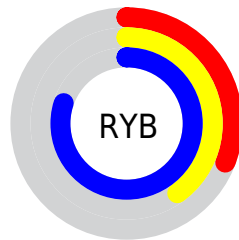
Distribution



Red (31%)

Green (42%)

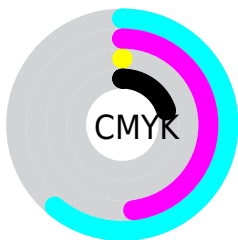
Blue (80%)



Red (31%)

Yellow (40%)

Blue (80%)

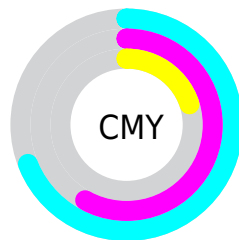


Cyan (61%)

Magenta (48%)

Yellow (0%)

Black (20%)



Cyan (69%)

Magenta (58%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6661, 13.9065, -57.9875 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 40.6661, 13.9065, -57.9875 by changing the saturation by 10% instead.

■ 40.6661, 13.9065, -57.9875

■ 40.6661, 13.9065, -57.9875

152.4778, 15.8171, -64.2544

■ 31.4731, 13.2767, -57.9023

■ 61.2613, 14.8511, -59.0710

■ 23.1006, 12.5178, -58.5461

■ 72.5655, 15.1894, -59.8009

■ 15.6395, 11.6082, -60.7733

■ 84.4904, 15.4509, -60.5709

■ 9.2162, 10.5389, -67.1144

■ 97.0053, 15.6427, -61.3495

0.0000, INF, -NF

0.0000, NaN, -NF

110.0834, 15.7708, -62.1171

0.0000, NaN, -NF

123.7016, 15.8398,

0.0000, NaN, NaN

-62.8617

0.0000, NaN, NaN

137.8392, 15.8541,
-63.5758

■ 40.6661, 13.9065,
-57.9875

■ 40.6661, 13.9065,
-57.9875

■ 35.7614, 19.4526,
-72.3365

■ 45.9996, 9.3393,
-45.1244

■ 31.3909, 26.0694,
-88.1003

■ 51.6787, 5.5917,
-33.5989

■ 27.6889, 33.6433,
-104.6749

■ 57.6436, 2.5092,
-23.1951

■ 25.0788, 40.5553,
-118.8936

■ 63.8496, -0.0404,
-13.7046

■ 70.2625, -2.1629,
-4.9484

■ 76.8564, -3.9413,
3.2194

■ 83.6109, -5.4403,
10.9155

■ 90.5098, -6.7100,
18.2321

■ 96.7827, -10.4547,
24.4574

Harmonies

Analogous

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



40.6667, -9.1496, -62.4291



40.6661, 13.9065, -57.9875



40.6667, 36.5794, -33.5771

Triad

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



40.6667, 13.9072, -57.9863



40.6667, 29.1279, 22.8094



40.6667, -36.5165, 8.5058

Complementary

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



40.6661, 13.9065, -57.9875



66.6747, -4.6674, 34.4240

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.



40.6667, -30.3009, 20.6414



40.6661, 13.9065, -57.9875



40.6667, 5.3102, 25.4311

Square

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



40.6667, 13.9072, -57.9863



40.6667, 46.6029, 14.0348



40.6667, -16.0858, 24.9381



40.6667, -35.1890, -14.7576

Rectangle

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



40.6661, 13.9065, -57.9875



40.6667, 46.8528, -14.1235



40.6667, -16.0858, 24.9381



40.6667, -35.3021, 13.7259

Sweetspot

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



40.6667, 13.9072, -57.9863



84.6472, -0.9341, -14.1239



69.2368, -37.2733, 7.3525



38.0479, -0.0363, -8.1112

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.6667, 13.9072, -57.9863



43.8553, 28.0168, -100.3908



36.6327, 35.3972, -69.2676



33.5332, -1.1823, -1.5833



20.1861, 31.2195, -92.6247



5.7230, 3.9230, -15.6219

Inverse Universe

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



44.1497, 45.4547, 9.3201



51.2702, 70.2290, 16.2333



72.3681, -28.6551, 38.0299



33.5472, 1.4901, 1.9468



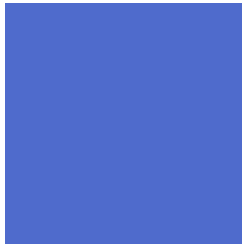
28.6607, 49.5510, 14.8864



6.6001, 11.5873, 2.0599

Previews

White Background



This preview shows how the HunterLab color 40.6661, 13.9065, -57.9875 looks on a white background.

Color Contrast Check

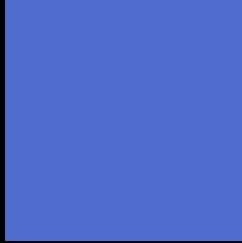
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.6661, 13.9065, -57.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

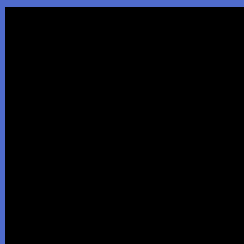
Any Text WCAG AA × Fail

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 40.6661, 13.9065, -57.9875 Background



This preview shows how black text looks on a background with the HunterLab color 40.6661, 13.9065, -57.9875.



This preview shows how white text looks on a background with the HunterLab color 40.6661, 13.9065, -57.9875.

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

40.6661, 13.9065, -57.9875

Protanopia

40.5999, 11.2696, -60.0587

Deuteranopia

40.8344, 3.2015, -55.9135



Tritanopia

40.5182, -16.2850, -7.7889

Trichromacy



Original Color

40.6661, 13.9065, -57.9875

Protanomaly

40.4946, 12.1646, -59.4001

Deuteranomaly

40.4618, 6.3419, -57.7478

Tritanomaly

40.1194, -6.5555, -23.8679

Monochromacy



Original Color

40.6661, 13.9065, -57.9875

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.5013, 1.5847, -15.2355

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6661, 13.9065, -57.9875 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(79, 107, 204)` looks like.

```
.text, #text, p{  
    color:rgb(79, 107, 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(79, 107, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 107, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6661, 13.9065, -57.9875 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(79, 107, 204) }
```


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

```
.border{ border-color:rgb(79, 107, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 107, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 107, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 107, 204);  
box-shadow:4px 4px 4px 4px rgb(79, 107,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6661, 13.9065, -57.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 107, 204) }
```

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

```
.background{ background-color: rgb(79, 107,  
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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