

Converting Colors

HunterLab(40.0243, 7.4806,
-57.0544)

Have a look what the booklet for
HunterLab(40.0243, 7.4806,
-57.0544) contains.

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Color

**HunterLab(40.0273, 7.4805,
-57.0551)**

Conversions

Conversions Part 1

Format	Color
Hex	316EC9
RGB	49, 110, 201
RGB Percent	19%, 43%, 79%
CMY	0.8078, 0.5686, 0.2118
CMYK	0.76, 0.45, 0.00, 0.21
HSL	216°, 61%, 49%
HSV	216°, 76%, 79%
XYZ	17.3851, 16.0218, 57.4345
YIQ	102.1350, -65.5670, 15.3690

Conversions

Conversions Part 2

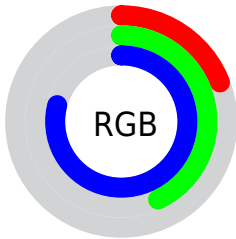
Format	Color
R_{YB}	49, 93, 201
Decimal	3239625
CIE _{Lab}	47.00, 12.26, -52.97
CIE _{LCh}	47, 54.371, 283.032
Yxy	16.0223, 0.1914, 0.1764
Android (android.graphics.Color)	4281429705 (0xFF316EC9)
YUV	102.1350, 48.7404, -46.5994
Hunter-Lab	40.0273, 7.4805, -57.0551

Details

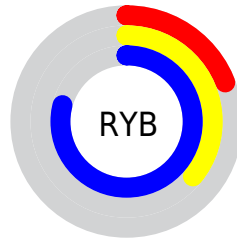
The HunterLab color **40.0273, 7.4805, -57.0551** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **56.0347, 10.3169, 31.6330**, and the grayscale version is **36.3433, -1.9392, 1.9746**.

A 20% lighter version of the original color is **60.3513, 6.7694, -55.6374**, and **23.7283, 10.8768, -53.1383** is the 20% darker color. If you saturate the color by 10%, you get **36.3401, 12.1044, -67.5516**, and if you desaturate by 10%, it is **44.0614, 3.7890, -47.1406**.

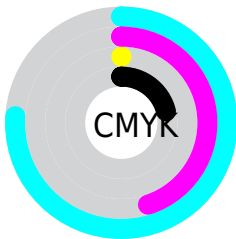
Distribution



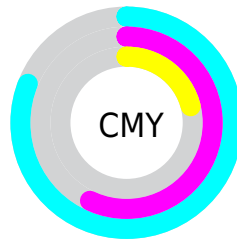
- Red (19%)
- Green (43%)
- Blue (79%)



- Red (19%)
- Yellow (36%)
- Blue (79%)



- Cyan (76%)
- Magenta (45%)
- Yellow (0%)
- Black (21%)



- Cyan (81%)
- Magenta (57%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0273, 7.4805, -57.0551 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 40.0273, 7.4805, -57.0551 by changing the saturation by 10% instead.

40.0273, 7.4805,
-57.0551

40.0273, 7.4805,
-57.0551

151.4838, 6.5108,
-63.2852

30.8868, 7.2475,
-56.9727

60.5285, 7.6903,
-58.1368

22.5721, 6.9071,
-57.6288

71.7900, 7.6861,
-58.8644

15.1760, 6.4368,
-59.9067

83.6744, 7.6192,
-59.6311

8.8055, 5.9082,
-66.6789

96.1507, 7.4954,
-60.4053

0.0000, NaN, -NF

0.0000, NaN, -NF

109.1919, 7.3192,
-61.1677

0.0000, NaN, -NF

122.7747, 7.0943,

0.0000, NaN, NaN

-61.9063

0.0000, NaN, NaN

136.8782, 6.8239,
-62.6137

■ 40.0273, 7.4805,
-57.0551

■ 40.0273, 7.4805,
-57.0551

■ 36.3401, 12.1044,
-67.5516

■ 44.0614, 3.7890,
-47.1406

■ 33.0433, 17.6687,
-78.4806

■ 48.3950, 0.9440,
-37.8614

■ 31.7033, 20.3014,
-83.4513

■ 52.9886, -1.1612,
-29.1990

■ 57.8078, -2.6343,
-21.1007

■ 62.8244, -3.5727,
-13.5003

■ 68.0152, -4.0595,
-6.3303

■ 73.3610, -4.1645,
0.4720

■ 78.8459, -3.9449,
6.9623

■ 84.4567, -3.4479,
13.1890

Harmonies

Analogous

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



40.0279, -13.3599, -55.5367



40.0273, 7.4805, -57.0551



40.0279, 29.6733, -37.8272

Triad

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



40.0279, 7.4814, -57.0541



40.0279, 32.2545, 20.6431



40.0279, -34.1577, 11.9291

Complementary

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



40.0273, 7.4805, -57.0551



56.0347, 10.3169, 31.6330

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.



40.0279, -26.3432, 21.4303



40.0273, 7.4805, -57.0551



40.0279, 10.4751, 24.3596

Square

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



40.0279, 7.4814, -57.0541



40.0279, 45.8563, 9.9781



40.0279, -10.9268, 24.5439



40.0279, -34.6296, -7.5955

Rectangle

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



40.0273, 7.4805, -57.0551



40.0279, 41.0891, -19.7139



40.0279, -10.9268, 24.5439



40.0279, -32.3908, 16.0833

Sweetspot

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



40.0279, 7.4814, -57.0541



83.7429, -4.8695, -15.4656



66.5224, -44.7225, 18.8881



37.6090, -2.1022, -8.7861

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.0279, 7.4814, -57.0541



44.6178, 20.5553, -97.8655



27.2550, 41.4251, -102.6888



33.1276, -1.9347, -0.9500



25.4723, 15.3191, -64.9077



6.6967, 0.9507, -10.4225

Inverse Universe

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



39.6749, 56.5466, 3.3920



48.0971, 81.7287, 10.6751



72.6149, -23.1865, 41.9655



32.7205, 1.6960, 1.2175



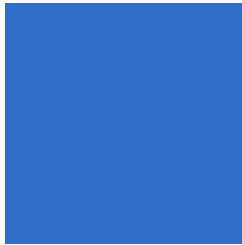
28.6269, 50.3774, 8.0098



6.3426, 11.3759, 0.1146

Previews

White Background



This preview shows how the HunterLab color 40.0273, 7.4805, -57.0551 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 40.0273, 7.4805, -57.0551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

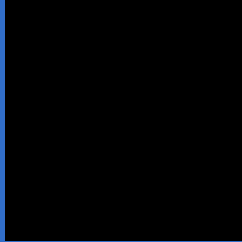
Any Text WCAG AA × Fail

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 40.0273, 7.4805, -57.0551 Background



This preview shows how black text looks on a background with the HunterLab color 40.0273, 7.4805, -57.0551.



This preview shows how white text looks on a background with the HunterLab color 40.0273, 7.4805, -57.0551.

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

40.0273, 7.4805, -57.0551

Protanopia

40.0524, 10.0663, -55.1291

Deuteranopia

39.9755, 2.9623, -56.3606

Trichromacy



Original Color

40.0273, 7.4805, -57.0551

Protanomaly

40.0850, 8.9258, -55.9673

Deuteranomaly

39.8586, 4.0009, -56.6521

Monochromacy



Original Color

40.0273, 7.4805, -57.0551

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.1176, -1.4460, -15.5617

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0273, 7.4805, -57.0551 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(49, 110, 201)` looks like.

```
.text, #text, p{  
    color:rgb(49, 110, 201)  
}
```

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(49, 110, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 110, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0273, 7.4805, -57.0551 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(49, 110, 201) }
```

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

```
.border{ border-color:rgb(49, 110, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 110, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 110, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 110, 201);  
box-shadow:4px 4px 4px 4px rgb(49, 110,  
201) }
```


Background

The CSS property to change the background color of an element to HunterLab 40.0273, 7.4805, -57.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 110, 201) }
```

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

```
.background{ background-color: rgb(49, 110,  
201) }
```

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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