

Converting Colors

HunterLab(40.9055, 2.9719,
-57.5439)

Have a look what the booklet for
HunterLab(40.9055, 2.9719,
-57.5439) contains.

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Color

**HunterLab(40.7690, 3.2164,
-57.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	0073CC
RGB	0, 115, 204
RGB Percent	0%, 45%, 80%
CMY	0.9998, 0.5490, 0.2000
CMYK	1.00, 0.44, 0.00, 0.20
HSL	206°, 100%, 40%
HSV	206°, 100%, 80%
XYZ	17.0298, 16.6211, 59.4374
YIQ	90.7610, -97.1090, 3.2990

Conversions

Conversions Part 2

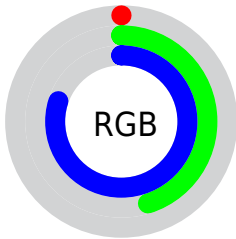
Format	Color
RYB	0, 74, 204
Decimal	29644
CIELab	47.78, 6.97, -53.49
CIELCh	48, 53.942, 277.423
Yxy	16.6216, 0.1829, 0.1786
Android (android.graphics.Color)	4278219724 (0xFF0073CC)
YUV	90.7610, 55.8268, -79.5974
Hunter-Lab	40.7690, 3.2164, -57.9010

Details

The HunterLab color **40.7690, 3.2164, -57.9010** 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 **44.7101, 35.4542, 28.1691**, and the grayscale version is **32.0875, -1.7121, 1.7434**.

A 20% lighter version of the original color is **60.9468, 1.2156, -54.4595**, and **25.1081, 9.3229, -51.5085** is the 20% darker color. If you saturate the color by 10%, you get **40.7636, 3.2263, -57.9157**, and if you desaturate by 10%, it is **43.4788, -0.5792, -51.1204**.

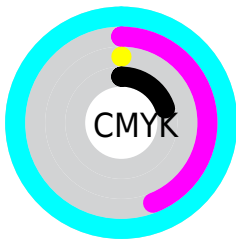
Distribution



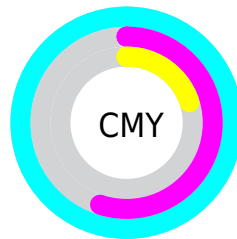
- Red (0%)
- Green (45%)
- Blue (80%)



- Red (0%)
- Yellow (29%)
- Blue (80%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7690, 3.2164, -57.9010 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 40.7690, 3.2164, -57.9010 by changing the saturation by 10% instead.

40.7690, 3.2164,
-57.9010

40.7690, 3.2164,
-57.9010

152.6375, 0.1021,
-64.1705

31.5675, 3.2912,
-57.8076

61.3792, 2.8680,
-58.9912

23.1858, 3.2830,
-58.4349

72.6902, 2.6070,
-59.7219

15.7143, 3.1753,
-60.6263

84.6216, 2.2957,
-60.4920

9.2804, 2.9442,
-66.8593

97.1427, 1.9381,
-61.2700

0.0000, NaN, -NF

0.0000, NaN, -NF

110.2267, 1.5373,
-62.0368

0.0000, NaN, -NF

123.8506, 1.0962,

0.0000, NaN, NaN

-62.7804

0.0000, NaN, NaN

137.9937, 0.6172,
-63.4932

■ 40.7690, 3.2164,
-57.9010

■ 40.7690, 3.2164,
-57.9010

■ 40.7636, 3.2263,
-57.9157

■ 43.4788, -0.5792,
-51.1204

■ 46.4215, -3.6864,
-44.4232

■ 49.6170, -5.9989,
-37.7956

■ 53.0520, -7.5415,
-31.2860

■ 56.7093, -8.3690,
-24.9294

■ 60.5705, -8.5490,
-18.7459

■ 64.6176, -8.1518,
-12.7428

■ 68.8342, -7.2450,
-6.9178

■ 73.2051, -5.8901,
-1.2627

Harmonies

Analogous

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



40.7696, -16.6613, -52.1898



40.7690, 3.2164, -57.9010



40.7696, 25.6333, -42.0797

Triad

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



40.7696, 3.2175, -57.9000



40.7696, 35.4584, 19.4374



40.7696, -33.3733, 14.4646

Complementary

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



40.7690, 3.2164, -57.9010



44.7101, 35.4542, 28.1691

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.



40.7696, -24.0877, 22.5520



40.7690, 3.2164, -57.9010



40.7696, 14.6613, 24.2298

Square

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



40.7696, 3.2175, -57.9000



40.7696, 46.5626, 6.9130



40.7696, -7.3059, 24.9735



40.7696, -35.2062, -3.1089

Rectangle

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



40.7690, 3.2164, -57.9010



40.7696, 38.1186, -24.6282



40.7696, -7.3059, 24.9735



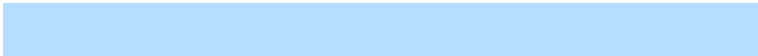
40.7696, -31.1275, 18.0505

Sweetspot

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



40.7696, 3.2175, -57.9000



82.9360, -10.5252, -16.7134



66.2556, -52.9784, 31.5539



37.3298, -5.0043, -9.2477

0.0000, NaN, NaN



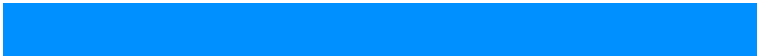
46.2646, -2.4686, 2.5136

Same Dimension

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



40.7696, 3.2175, -57.9000



52.0417, 4.9025, -75.6308



21.5975, 53.5476, -142.5812



34.4609, -2.7201, -0.4403



32.6296, 2.0423, -45.1928



8.3586, -1.1214, -8.0268

Inverse Universe

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



37.5184, 67.5437, -1.3310



48.2340, 86.7594, -1.0579



70.5972, -13.8029, 43.2589



33.6420, 1.9993, 0.5964



29.7956, 53.7034, -1.5023



6.8781, 12.5965, -1.8938

Previews

White Background



This preview shows how the HunterLab color 40.7690, 3.2164, -57.9010 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 40.7690, 3.2164, -57.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

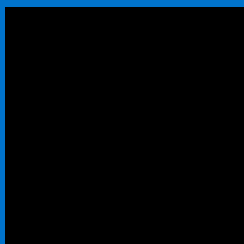
Any Text WCAG AA × Fail

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 40.7690, 3.2164, -57.9010 Background



This preview shows how black text looks on a background with the HunterLab color 40.7690, 3.2164, -57.9010.



This preview shows how white text looks on a background with the HunterLab color 40.7690, 3.2164, -57.9010.

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

40.7690, 3.2164, -57.9010

Protanopia

40.8082, 9.7571, -53.1873

Deuteranopia

40.8006, 3.3223, -57.8152



Tritanopia

40.7958, -19.9200, -7.9895

Trichromacy



Original Color

40.7690, 3.2164, -57.9010

Protanomaly

40.4799, 6.1671, -55.8841

Deuteranomaly

40.7927, 3.2958, -57.8366

Tritanomaly

40.5244, -12.6977, -23.2413

Monochromacy



Original Color

40.7690, 3.2164, -57.9010

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

34.1758, -5.1387, -16.9026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7690, 3.2164, -57.9010 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, 115, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 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(0, 115, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7690, 3.2164, -57.9010 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, 115, 204) }
```


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

```
.border{ border-color:rgb(0, 115, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7690, 3.2164, -57.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 204) }
```

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

```
.background{ background-color: rgb(0, 115,  
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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