

Converting Colors

HunterLab(38.8293, -11.4149,
-43.9060)

Have a look what the booklet for
HunterLab(38.8293, -11.4149,
-43.9060) contains.

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Color

**HunterLab(40.7076, -5.2874,
-39.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	0077B6
RGB	0, 119, 182
RGB Percent	0%, 47%, 71%
CMY	0.9999, 0.5333, 0.2863
CMYK	1.00, 0.35, 0.00, 0.29
HSL	201°, 100%, 36%
HSV	201°, 100%, 71%
XYZ	15.0404, 16.5711, 46.6619
YIQ	90.6010, -91.1470, -5.6350

Conversions

Conversions Part 2

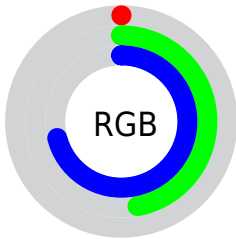
Format	Color
RYB	0, 72, 182
Decimal	30646
CIELab	47.72, -4.19, -40.93
CIELCh	48, 41.147, 264.157
Yxy	16.5716, 0.1922, 0.2117
Android (android.graphics.Color)	4278220726 (0xFF0077B6)
YUV	90.6010, 45.0597, -79.4571
Hunter-Lab	40.7076, -5.2874, -39.4670

Details

The HunterLab color $40.7076, -5.2874, -39.4670$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $36.7480, 38.0426, 23.3083$, and the grayscale version is $32.0643, -1.7109, 1.7421$.

A 20% lighter version of the original color is $61.3401, -6.9215, -40.5092$, and $24.6809, 1.7623, -34.6533$ is the 20% darker color. If you saturate the color by 10%, you get $40.7044, -5.2820, -39.4745$, and if you desaturate by 10%, it is $42.7226, -7.6247, -35.2266$.

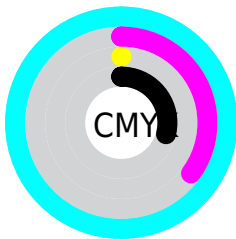
Distribution



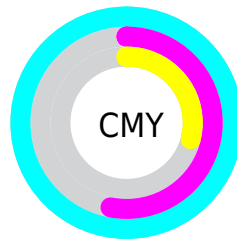
- Red (0%)
- Green (47%)
- Blue (71%)



- Red (0%)
- Yellow (28%)
- Blue (71%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7076, -5.2874, -39.4670 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 40.7076, -5.2874, -39.4670 by changing the saturation by 10% instead.

■ 40.7076, -5.2874,
-39.4670

■ 40.7076, -5.2874,
-39.4670

■ 152.5423,
-13.0253, -44.7352

■ 31.5112, -4.5327,
-38.9353

■ 61.3088, -6.8553,
-40.7877

■ 23.1350, -3.7957,
-38.6806

■ 72.6158, -7.6718,
-41.4622

■ 15.6697, -3.0703,
-39.0958

■ 84.5434, -8.5101,
-42.1120

■ 9.2421, -2.4687,
-41.3593

■ 97.0607, -9.3703,
-42.7256

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 110.1413,
-10.2521, -43.2970

0.0000, NaN, -NF

■ 123.7618,

0.0000, NaN, NaN

-11.1554, -43.8231

0.0000, NaN, NaN

137.9016,
-12.0799, -44.3026

■ 40.7076, -5.2874,
-39.4670

■ 40.7076, -5.2874,
-39.4670

■ 40.7044, -5.2820,
-39.4745

■ 42.7226, -7.6247,
-35.2266

■ 44.8950, -9.4483,
-30.9480

■ 47.2536, -10.6418,
-26.5982

■ 49.7961, -11.2090,
-22.2063

■ 52.5151, -11.1780,
-17.8021

■ 55.4011, -10.5908,
-13.4106

■ 58.4434, -9.4952,
-9.0512

■ 61.6313, -7.9409,
-4.7373

■ 64.9541, -5.9758,
-0.4774

Harmonies

Analogous

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



40.7082, -18.8038, -29.7253



40.7076, -5.2874, -39.4670



40.7082, 11.3242, -34.9854

Triad

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



40.7082, -5.2867, -39.4661



40.7082, 30.1983, 12.5428



40.7082, -24.4056, 15.9924

Complementary

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



40.7076, -5.2874, -39.4670



36.7480, 38.0426, 23.3083

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.



40.7082, -14.1149, 21.0006



40.7076, -5.2874, -39.4670



40.7082, 17.6447, 19.6210

Square

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



40.7082, -5.2867, -39.4661



40.7082, 33.5383, -0.9067



40.7082, 1.0346, 22.0059



40.7082, -28.6815, 5.1091

Rectangle

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



40.7076, -5.2874, -39.4670



40.7082, 21.7862, -25.1731



40.7082, 1.0346, 22.0059



40.7082, -21.6207, 18.2186

Sweetspot

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



40.7082, -5.2867, -39.4661



78.4712, -12.8787, -12.4951



58.1292, -47.7960, 30.5236



36.0599, -6.3746, -7.0297



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



40.7082, -5.2867, -39.4661



54.3882, -6.4456, -54.0662



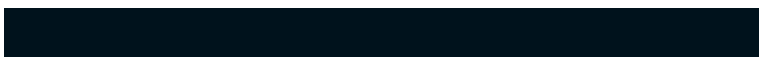
20.7959, 40.1503, -112.6598



31.1013, -2.7859, -0.0992



34.3921, -4.7334, -32.7691



7.2647, -2.0976, -4.5521

Inverse Universe

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



33.5826, 61.4713, -9.0439



45.1646, 82.5888, -11.4586



56.8294, -3.7550, 34.9512



30.1802, 1.8653, 0.2256



28.2425, 51.7414, -7.9148



5.4071, 10.0882, -2.9269

Previews

White Background



This preview shows how the HunterLab color 40.7076, -5.2874, -39.4670 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 40.7076, -5.2874, -39.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

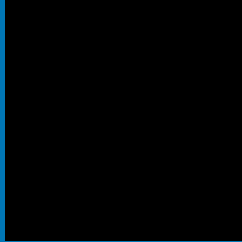
Any Text WCAG AA × Fail

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 40.7076, -5.2874, -39.4670 Background



This preview shows how black text looks on a background with the HunterLab color 40.7076, -5.2874, -39.4670.



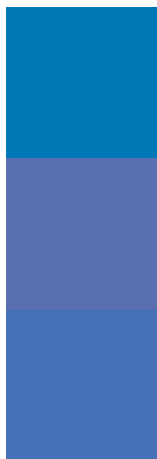
This preview shows how white text looks on a background with the HunterLab color 40.7076, -5.2874, -39.4670.

-39.4670.

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

40.7076, -5.2874, -39.4670

Protanopia

40.7893, 5.8084, -33.7171

Deuteranopia

40.6586, 3.3851, -40.2158



Tritanopia

40.8301, -19.7170, -8.4707

Trichromacy



Original Color

40.7076, -5.2874, -39.4670

Protanomaly

40.1483, -0.2767, -37.4667

Deuteranomaly

40.2967, -0.7074, -41.0972

Tritanomaly

40.5375, -14.7963, -18.7275

Monochromacy



Original Color

40.7076, -5.2874, -39.4670

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

34.1499, -7.3009, -12.1915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7076, -5.2874, -39.4670 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, 119, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 182)  
}
```

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, 119, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7076, -5.2874, -39.4670 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, 119, 182) }
```


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

```
.border{ border-color:rgb(0, 119, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7076, -5.2874, -39.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 182) }
```

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

```
.background{ background-color: rgb(0, 119,  
182) }
```

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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