

Converting Colors

HunterLab(40.3062, -8.8778,
-33.8860)

Have a look what the booklet for
HunterLab(40.3062, -8.8778,
-33.8860) contains.

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Color

**HunterLab(40.6066, -7.9528,
-33.5868)**

Conversions

Conversions Part 1

Format	Color
Hex	0078AE
RGB	0, 120, 174
RGB Percent	0%, 47%, 68%
CMY	0.9999, 0.5294, 0.3176
CMYK	1.00, 0.31, 0.00, 0.32
HSL	199°, 100%, 34%
HSV	199°, 100%, 68%
XYZ	14.3565, 16.4890, 42.4704
YIQ	90.2760, -88.8540, -8.6460

Conversions

Conversions Part 2

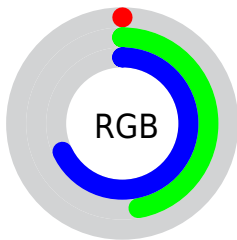
Format	Color
RYB	0, 71, 174
Decimal	30894
CIELab	47.61, -7.90, -36.46
CIElCh	48, 37.303, 257.777
Yxy	16.4895, 0.1958, 0.2249
Android (android.graphics.Color)	4278220974 (0xFF0078AE)
YUV	90.2760, 41.2759, -79.1721
Hunter-Lab	40.6066, -7.9528, -33.5868

Details

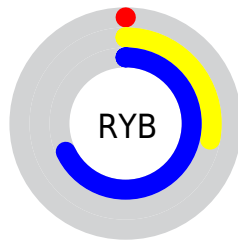
The HunterLab color **40.6066, -7.9528, -33.5868** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.1178, 38.5308, 21.6961**, and the grayscale version is **31.9572, -1.7052, 1.7363**.

A 20% lighter version of the original color is **61.1902, -9.7968, -35.0046**, and **24.5259, -0.9367, -28.6332** is the 20% darker color. If you saturate the color by 10%, you get **40.6039, -7.9485, -33.5928**, and if you desaturate by 10%, it is **42.3657, -9.8292, -30.1084**.

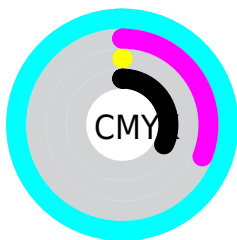
Distribution



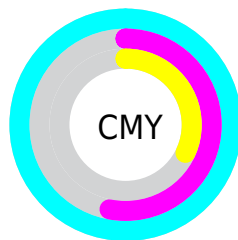
- Red (0%)
- Green (47%)
- Blue (68%)



- Red (0%)
- Yellow (28%)
- Blue (68%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6066, -7.9528, -33.5868 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 40.6066, -7.9528, -33.5868 by changing the saturation by 10% instead.

40.6066, -7.9528,
-33.5868

40.6066, -7.9528,
-33.5868

152.3854,
-17.2803, -38.1799

31.4185, -6.9587,
-33.0009

61.1931, -9.9451,
-34.8605

23.0513, -5.9563,
-32.5836

72.4933, -10.9534,
-35.4713

15.5963, -4.9288,
-32.6170

84.4145, -11.9729,
-36.0427

9.1788, -4.2395,
-33.9695

96.9258, -13.0053,
-36.5683

0.0000, NaN, -NF

0.0000, NaN, -NF

110.0005,
-14.0516, -37.0453

0.0000, NaN, NaN

123.6154,

0.0000, NaN, NaN

-15.1126, -37.4727

0.0000, NaN, NaN

137.7499,
-16.1887, -37.8506

■ 40.6066, -7.9528,
-33.5868

■ 40.6066, -7.9528,
-33.5868

■ 40.6039, -7.9485,
-33.5928

■ 42.3657, -9.8292,
-30.1084

■ 44.2609, -11.2464,
-26.5658

■ 46.3230, -12.0850,
-22.9219

■ 48.5523, -12.3425,
-19.1993

■ 50.9443, -12.0391,
-15.4240

■ 53.4921, -11.2089,
-11.6199

■ 56.1870, -9.8929,
-7.8073

■ 59.0202, -8.1352,
-4.0022

■ 61.9826, -5.9792,
-0.2164

Harmonies

Analogous

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



40.6073, -19.3905, -23.0069



40.6066, -7.9528, -33.5868



40.6073, 6.7781, -32.4024

Triad

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



40.6073, -7.9522, -33.5859



40.6073, 28.2268, 9.5586



40.6073, -20.9649, 16.3905

Complementary

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



40.6066, -7.9528, -33.5868



34.1178, 38.5308, 21.6961

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.



40.6073, -10.4026, 20.3230



40.6066, -7.9528, -33.5868



40.6073, 18.5081, 17.4487

Square

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



40.6073, -7.9522, -33.5859



40.6073, 29.1294, -3.8703



40.6073, 3.9574, 20.6258



40.6073, -26.1587, 7.4755

Rectangle

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



40.6066, -7.9528, -33.5868



40.6073, 16.5325, -25.1254



40.6073, 3.9574, 20.6258



40.6073, -17.9989, 18.1783

Sweetspot

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



40.6073, -7.9522, -33.5859



75.4683, -13.4375, -10.7975



55.2472, -45.7583, 29.7270



34.8629, -6.7095, -6.0911



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



40.6073, -7.9522, -33.5859



54.3047, -10.1246, -46.0201



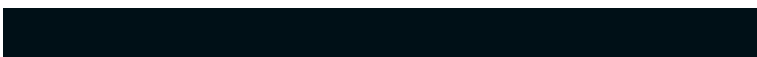
20.6110, 35.2616, -101.8757



29.4044, -2.7515, 0.0188



34.7375, -7.0080, -28.2907



6.5354, -2.2359, -3.3421

Inverse Universe

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



32.1801, 59.3175, -11.8720



43.2900, 79.7195, -15.3142



52.4635, -0.9047, 32.3108



28.4695, 1.7772, 0.1024



27.4248, 50.5917, -10.3856



4.6740, 8.7937, -3.0984

Previews

White Background



This preview shows how the HunterLab color 40.6066, -7.9528, -33.5868 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 40.6066, -7.9528, -33.5868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

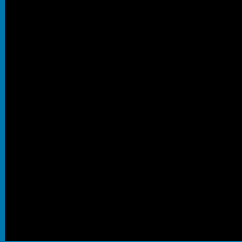
Any Text WCAG AA × Fail

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 40.6066, -7.9528, -33.5868 Background



This preview shows how black text looks on a background with the HunterLab color 40.6066, -7.9528, -33.5868.

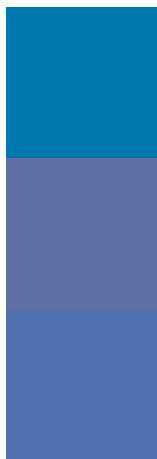


This preview shows how white text looks on a background with the HunterLab color 40.6066, -7.9528, -33.5868.

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

40.6066, -7.9528, -33.5868

Protanopia

40.6223, 4.4174, -27.5464

Deuteranopia

40.7518, 2.9985, -34.5956



Tritanopia

40.4827, -19.5351, -8.4292

Trichromacy



Original Color

40.6066, -7.9528, -33.5868

Protanomaly

39.8244, -2.2709, -31.3833

Deuteranomaly

40.3287, -2.8614, -34.8260

Tritanomaly

40.4176, -15.4916, -17.0765

Monochromacy



Original Color

40.6066, -7.9528, -33.5868

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.9966, -8.0798, -10.7403

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6066, -7.9528, -33.5868 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, 120, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 174)  
}
```

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, 120, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6066, -7.9528, -33.5868 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, 120, 174) }
```


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

```
.border{ border-color:rgb(0, 120, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 120,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6066, -7.9528, -33.5868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 174) }
```

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

```
.background{ background-color: rgb(0, 120,  
174) }
```

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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