

Converting Colors

HunterLab(39.8616, -19.4394,
-18.2469)

Have a look what the booklet for
HunterLab(39.8616, -19.4394,
-18.2469) contains.

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Color

**HunterLab(40.7250,
-15.8998, -16.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	007C95
RGB	0, 124, 149
RGB Percent	0%, 49%, 58%
CMY	0.9999, 0.5137, 0.4157
CMYK	1.00, 0.17, 0.00, 0.42
HSL	190°, 100%, 29%
HSV	190°, 100%, 58%
XYZ	12.6325, 16.5853, 30.9693
YIQ	89.7740, -81.9290, -18.5130

Conversions

Conversions Part 2

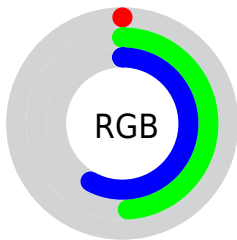
Format	Color
RYB	0, 68, 149
Decimal	31893
CIELab	47.73, -19.55, -21.64
CIELCh	48, 29.163, 227.914
Yxy	16.5858, 0.2099, 0.2756
Android (android.graphics.Color)	4278221973 (0xFF007C95)
YUV	89.7740, 29.1984, -78.7318
Hunter-Lab	40.7250, -15.8998, -16.5795

Details

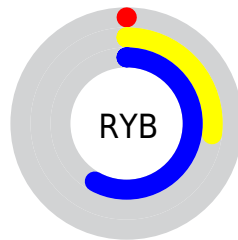
The HunterLab color **40.7250, -15.8998, -16.5795** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26.6194, 38.8647, 17.0816**, and the grayscale version is **31.8124, -1.6974, 1.7284**.

A 20% lighter version of the original color is **61.3900, -19.4825, -17.0800**, and **24.3187, -7.9078, -13.3256** is the 20% darker color. If you saturate the color by 10%, you get **40.7243, -15.8987, -16.5811**, and if you desaturate by 10%, it is **41.6189, -16.4515, -15.1498**.

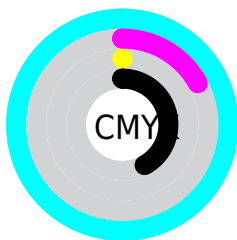
Distribution



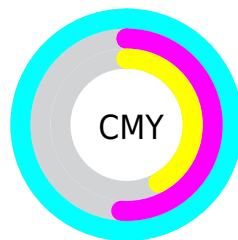
- Red (0%)
- Green (49%)
- Blue (58%)



- Red (0%)
- Yellow (27%)
- Blue (58%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7250, -15.8998, -16.5795 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 40.7250, -15.8998, -16.5795 by changing the saturation by 10% instead.

40.7250, -15.8998,
-16.5795

40.7250, -15.8998,
-16.5795

152.5694,
-30.3864, -17.8463

31.5272, -14.1157,
-16.1400

61.3289, -19.2820,
-17.2709

23.1494, -12.2309,
-15.6557

72.6370, -20.9147,
-17.5215

15.6824, -10.1900,
-15.1758

84.5657, -22.5225,
-17.7111

9.2531, -9.6993,
-14.8795

97.0841, -24.1127,
-17.8427

0.0000, NaN, -NF

0.0000, NaN, -NF

110.1656,
-25.6905, -17.9192

0.0000, NaN, NaN

123.7871,

0.0000, NaN, NaN

-27.2600, -17.9436

0.0000, NaN, NaN

137.9278,
-28.8245, -17.9185

■ 40.7250, -15.8998,
-16.5795

■ 40.7250, -15.8998,
-16.5795

■ 40.7243, -15.8987,
-16.5811

■ 41.6189, -16.4515,
-15.1498

■ 42.5963, -16.6905,
-13.6221

■ 43.6916, -16.4901,
-11.9515

■ 44.9110, -15.8314,
-10.1410

■ 46.2570, -14.7135,
-8.1997

■ 47.7296, -13.1483,
-6.1405

■ 49.3267, -11.1572,
-3.9779

■ 51.0447, -8.7679,
-1.7271

■ 52.8793, -6.0113,
0.5975

Harmonies

Analogous

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



40.7257, -21.0697, -4.7616



40.7250, -15.8998, -16.5795



40.7257, -6.6811, -24.0234

Triad

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



40.7257, -15.8996, -16.5788



40.7257, 21.6530, -2.4144



40.7257, -8.7250, 17.5283

Complementary

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



40.7250, -15.8998, -16.5795



26.6194, 38.8647, 17.0816

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.



40.7257, 2.5356, 17.8332



40.7250, -15.8998, -16.5795



40.7257, 20.9494, 8.1441

Square

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



40.7257, -15.8996, -16.5788



40.7257, 15.4759, -14.4572



40.7257, 13.6481, 14.8929



40.7257, -17.2531, 13.8993

Rectangle

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



40.7250, -15.8998, -16.5795



40.7257, 0.8989, -24.4444



40.7257, 13.6481, 14.8929



40.7257, -5.1608, 17.9776

Sweetspot

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



40.7257, -15.8996, -16.5788



65.8719, -15.1134, -5.5079



46.4380, -39.2850, 26.7634



30.6202, -7.6159, -3.1162



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



40.7257, -15.8996, -16.5788



54.2895, -20.9991, -22.5262



21.0340, 18.7948, -66.8591



25.2949, -2.7570, 0.3736



37.4101, -14.6511, -15.1320



4.5456, -2.1423, -1.0570

Inverse Universe

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



28.0097, 53.1582, -22.1753



37.4512, 71.0334, -29.2639



39.2152, 8.2490, 24.3076



24.2748, 1.5946, -0.2864



25.7025, 48.7957, -20.4407



2.9056, 5.6161, -3.0852

Previews

White Background



This preview shows how the HunterLab color 40.7250, -15.8998, -16.5795 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 40.7250, -15.8998, -16.5795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

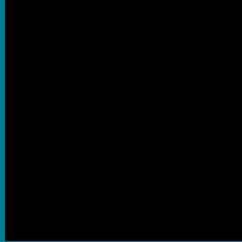
Any Text WCAG AA × Fail

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 40.7250, -15.8998, -16.5795 Background



This preview shows how black text looks on a background with the HunterLab color 40.7250, -15.8998, -16.5795.



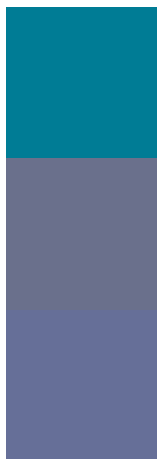
This preview shows how white text looks on a background with the HunterLab color 40.7250,

-15.8998, -16.5795.

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

40.7250, -15.8998, -16.5795

Protanopia

40.6767, 1.0976, -11.0802

Deuteranopia

40.5717, 3.0512, -18.3573



Tritanopia

40.8301, -19.7170, -8.4707

Trichromacy



Original Color

40.7250, -15.8998, -16.5795

Protanomaly

39.5819, -8.3067, -14.6808

Deuteranomaly

39.8108, -6.8463, -19.1925

Tritanomaly

40.6948, -18.2853, -11.3923

Monochromacy



Original Color

40.7250, -15.8998, -16.5795

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.9416, -10.4468, -5.5386

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7250, -15.8998, -16.5795 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, 124, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 149)  
}
```

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, 124, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7250, -15.8998, -16.5795 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, 124, 149) }
```


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

```
.border{ border-color:rgb(0, 124, 149) }
```

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

Here you see how a box with a 4 pixel rgb(0, 124, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 124,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7250, -15.8998, -16.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 149) }
```

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

```
.background{ background-color: rgb(0, 124,  
149) }
```

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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