

Converting Colors

HunterLab(39.1973, -24.3108,
-18.2316)

Have a look what the booklet for
HunterLab(39.1973, -24.3108,
-18.2316) contains.

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Color

**HunterLab(40.9558,
-16.7572, -15.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	007D93
RGB	0, 125, 147
RGB Percent	0%, 49%, 58%
CMY	0.9999, 0.5098, 0.4235
CMYK	1.00, 0.15, 0.00, 0.42
HSL	189°, 100%, 29%
HSV	189°, 100%, 58%
XYZ	12.6000, 16.7738, 30.1773
YIQ	90.1330, -81.5620, -19.6580

Conversions

Conversions Part 2

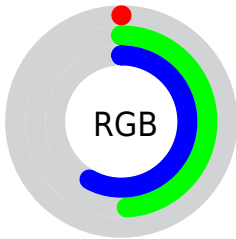
Format	Color
RYB	0, 68, 147
Decimal	32147
CIELab	47.97, -20.80, -20.10
CIELCh	48, 28.925, 224.012
Yxy	16.7744, 0.2116, 0.2817
Android (android.graphics.Color)	4278222227 (0xFF007D93)
YUV	90.1330, 28.0354, -79.0466
Hunter-Lab	40.9558, -16.7572, -15.0173

Details

The HunterLab color **40.9558, -16.7572, -15.0173** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26.0341, 38.9121, 16.7219**, and the grayscale version is **31.9485, -1.7047, 1.7358**.

A 20% lighter version of the original color is **61.6353, -20.3736, -15.5329**, and **24.5223, -8.7330, -11.7986** is the 20% darker color. If you saturate the color by 10%, you get **40.9554, -16.7564, -15.0184**, and if you desaturate by 10%, it is **41.7573, -17.1860, -13.7643**.

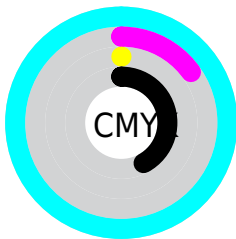
Distribution



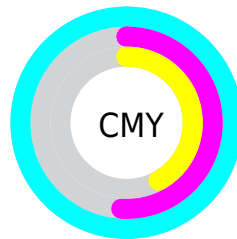
- Red (0%)
- Green (49%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9558, -16.7572, -15.0173 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 40.9558, -16.7572, -15.0173 by changing the saturation by 10% instead.

40.9558, -16.7572,
-15.0173

40.9558, -16.7572,
-15.0173

152.9277,
-31.8085, -15.8377

31.7392, -14.8869,
-14.6208

61.5934, -20.2914,
-15.6106

23.3407, -12.9062,
-14.1688

72.9168, -21.9924,
-15.8101

15.8505, -10.7559,
-13.6963

84.8600, -23.6646,
-15.9487

9.3959, -10.1494,
-13.3349

97.3923, -25.3159,
-16.0296

0.0000, NaN, -NF

0.0000, NaN, NaN

110.4871,
-26.9519, -16.0561

0.0000, NaN, NaN

124.1212,

0.0000, NaN, NaN

-28.5771, -16.0312

0.0000, NaN, NaN

138.2742,
-30.1950, -15.9576

■ 40.9558, -16.7572,
-15.0173

■ 40.9558, -16.7572,
-15.0173

■ 40.9554, -16.7564,
-15.0184

■ 41.7573, -17.1860,
-13.7643

■ 42.6388, -17.3132,
-12.4132

■ 43.6344, -17.0113,
-10.9186

■ 44.7511, -16.2602,
-9.2814

■ 45.9920, -15.0566,
-7.5090

■ 47.3576, -13.4108,
-5.6125

■ 48.8464, -11.3421,
-3.6055

■ 50.4557, -8.8767,
-1.5021

■ 52.1813, -6.0445,
0.6836

Harmonies

Analogous

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



40.9565, -21.3172, -3.1337



40.9558, -16.7572, -15.0173



40.9565, -8.0378, -23.2314

Triad

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



40.9565, -16.7570, -15.0166



40.9565, 21.0239, -3.9236



40.9565, -7.3487, 17.7118

Complementary

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



40.9558, -16.7572, -15.0173



26.0341, 38.9121, 16.7219

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.



40.9565, 4.0108, 17.6083



40.9558, -16.7572, -15.0173



40.9565, 21.2606, 6.9529

Square

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



40.9565, -16.7570, -15.0166



40.9565, 14.1397, -15.7291



40.9565, 14.7547, 14.2086



40.9565, -16.3001, 14.5451

Rectangle

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



40.9558, -16.7572, -15.0173



40.9565, -0.6462, -24.4218



40.9565, 14.7547, 14.2086



40.9565, -3.7064, 18.0245

Sweetspot

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



40.9565, -16.7570, -15.0166



65.2369, -15.3692, -4.9986



45.7350, -38.8333, 26.6668



30.7971, -7.8747, -2.8862



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.



40.9565, -16.7570, -15.0166



54.6205, -22.1792, -20.3922



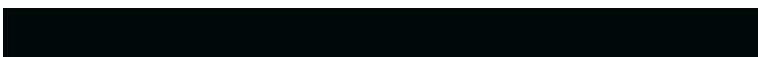
21.7647, 15.8923, -61.5074



25.3296, -2.8126, 0.4147



38.1704, -15.6502, -13.9255



4.5895, -2.1968, -0.9943

Inverse Universe

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



27.7205, 52.8094, -23.4934



37.0671, 70.5761, -31.0666



37.4845, 10.3876, 23.2786



24.2784, 1.6142, -0.3383



25.8151, 49.1924, -21.9482



2.9125, 5.6404, -3.1767

Previews

White Background



This preview shows how the HunterLab color 40.9558, -16.7572, -15.0173 looks on a white background.

Color Contrast Check

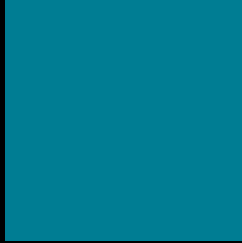
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9558, -16.7572, -15.0173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

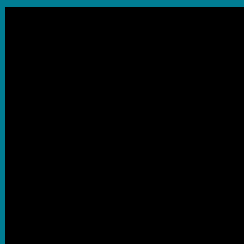
Any Text WCAG AA × Fail

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 40.9558, -16.7572, -15.0173 Background



This preview shows how black text looks on a background with the HunterLab color 40.9558, -16.7572, -15.0173.



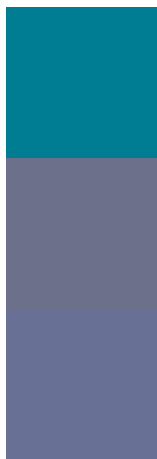
This preview shows how white text looks on a background with the HunterLab color 40.9558,

-16.7572, -15.0173.

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

40.9558, -16.7572, -15.0173

Protanopia

40.7572, 1.2272, -9.8424

Deuteranopia

40.9800, 2.8773, -16.4442



Tritanopia

40.8648, -19.5124, -8.9557

Trichromacy



Original Color

40.9558, -16.7572, -15.0173

Protanomaly

39.8884, -8.8410, -13.0318

Deuteranomaly

40.1071, -7.4305, -17.4497

Tritanomaly

41.0063, -18.6786, -10.9327

Monochromacy



Original Color

40.9558, -16.7572, -15.0173

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

34.2316, -10.8537, -5.1444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9558, -16.7572, -15.0173 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, 125, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 147)  
}
```

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, 125, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9558, -16.7572, -15.0173 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, 125, 147) }
```


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

```
.border{ border-color:rgb(0, 125, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9558, -16.7572, -15.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 147) }
```

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

```
.background{ background-color: rgb(0, 125,  
147) }
```

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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