

Converting Colors

HunterLab(40.4320, -15.0992,
-17.9416)

Have a look what the booklet for
HunterLab(40.4320, -15.0992,
-17.9416) contains.

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Color

**HunterLab(40.4573,
-15.2613, -17.6232)**

Conversions

Conversions Part 1

Format	Color
Hex	007B96
RGB	0, 123, 150
RGB Percent	0%, 48%, 59%
CMY	0.9999, 0.5176, 0.4118
CMYK	1.00, 0.18, 0.00, 0.41
HSL	191°, 100%, 29%
HSV	191°, 100%, 59%
XYZ	12.5880, 16.3679, 31.3500
YIQ	89.3010, -81.9750, -17.6790

Conversions

Conversions Part 2

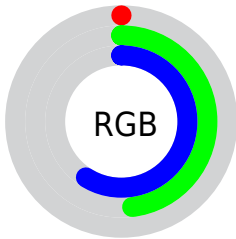
Format	Color
RYB	0, 68, 150
Decimal	31638
CIELab	47.45, -18.64, -22.66
CIELCh	47, 29.344, 230.560
Yxy	16.3685, 0.2087, 0.2714
Android (android.graphics.Color)	4278221718 (0xFF007B96)
YUV	89.3010, 29.9246, -78.3170
Hunter-Lab	40.4573, -15.2613, -17.6232

Details

The HunterLab color **40.4573, -15.2613, -17.6232** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **26.9613, 38.6897, 17.2892**, and the grayscale version is **31.6356, -1.6880, 1.7188**.

A 20% lighter version of the original color is **61.1078, -18.8078, -18.1023**, and **24.0799, -7.2928, -14.3547** is the 20% darker color. If you saturate the color by 10%, you get **40.4564, -15.2600, -17.6251**, and if you desaturate by 10%, it is **41.4118, -15.8960, -16.0719**.

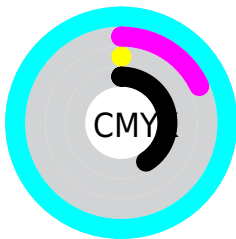
Distribution



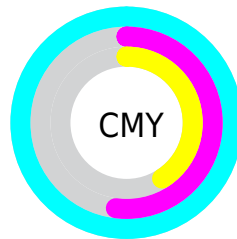
- Red (0%)
- Green (48%)
- Blue (59%)



- Red (0%)
- Yellow (27%)
- Blue (59%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4573, -15.2613, -17.6232 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 40.4573, -15.2613, -17.6232 by changing the saturation by 10% instead.

40.4573, -15.2613,
-17.6232

40.4573, -15.2613,
-17.6232

152.1534,
-29.3432, -19.1817

31.2814, -13.5384,
-17.1574

61.0219, -18.5351,
-18.3774

22.9278, -11.7215,
-16.6557

72.3123, -20.1188,
-18.6612

15.4878, -9.7574,
-16.1786

84.2240, -21.6805,
-18.8842

9.0842, -9.4271,
-15.9593

96.7263, -23.2269,
-19.0491

0.0000, NaN, -NF

0.0000, NaN, -NF

109.7924,
-24.7629, -19.1585

0.0000, NaN, NaN

123.3991,

0.0000, NaN, NaN

-26.2923, -19.2154

0.0000, NaN, NaN

137.5255,
-27.8183, -19.2224

■ 40.4573, -15.2613,
-17.6232

■ 40.4573, -15.2613,
-17.6232

■ 40.4564, -15.2600,
-17.6251

■ 41.4118, -15.8960,
-16.0719

■ 42.4522, -16.2117,
-14.4239

■ 43.6127, -16.0819,
-12.6343

■ 44.8991, -15.4889,
-10.7074

■ 46.3134, -14.4333,
-8.6537

■ 47.8553, -12.9285,
-6.4872

■ 49.5220, -10.9970,
-4.2232

■ 51.3099, -8.6673,
-1.8770

■ 53.2141, -5.9712,
0.5367

Harmonies

Analogous

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



40.4580, -20.8382, -5.8953



40.4573, -15.2613, -17.6232



40.4580, -5.7212, -24.4985

Triad

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



40.4580, -15.2611, -17.6225



40.4580, 22.0206, -1.3988



40.4580, -9.6308, 17.3519

Complementary

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



40.4573, -15.2613, -17.6232



26.9613, 38.6897, 17.2892

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.



40.4580, 1.5269, 17.9324



40.4573, -15.2613, -17.6232



40.4580, 20.6723, 8.9094

Square

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



40.4580, -15.2611, -17.6225



40.4580, 16.3538, -13.5530



40.4580, 12.8524, 15.3029



40.4580, -17.8482, 13.4076

Rectangle

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



40.4573, -15.2613, -17.6232



40.4580, 1.9679, -24.3846



40.4580, 12.8524, 15.3029



40.4580, -6.1305, 17.8938

Sweetspot

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



40.4580, -15.2611, -17.6225



65.6480, -14.7803, -5.7963



46.7797, -39.5764, 26.9654



30.5012, -7.4412, -3.2717



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.



40.4580, -15.2611, -17.6225



53.5275, -19.9818, -23.7696



21.1774, 18.9632, -67.4019



25.2715, -2.7195, 0.3458



36.9008, -13.9737, -15.9576



4.5157, -2.1050, -1.1000

Inverse Universe

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



28.1331, 53.2571, -21.2250



37.3404, 70.6418, -27.7726



39.4971, 8.3231, 24.4825



24.2723, 1.5814, -0.2516



25.6280, 48.5330, -19.4406



2.9009, 5.5996, -3.0234

Previews

White Background



This preview shows how the HunterLab color 40.4573, -15.2613, -17.6232 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 40.4573, -15.2613, -17.6232 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 40.4573, -15.2613, -17.6232 Background



This preview shows how black text looks on a background with the HunterLab color 40.4573, -15.2613, -17.6232.



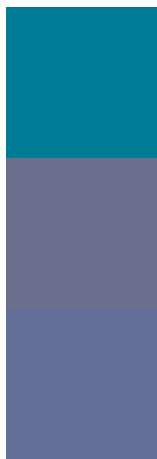
This preview shows how white text looks on a background with the HunterLab color 40.4573,

-15.2613, -17.6232.

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

40.4573, -15.2613, -17.6232

Protanopia

40.3673, 1.5129, -12.1111

Deuteranopia

40.4699, 2.7909, -19.1657



Tritanopia

40.5173, -19.3307, -8.9137

Trichromacy



Original Color

40.4573, -15.2613, -17.6232

Protanomaly

39.3299, -7.6500, -15.6754

Deuteranomaly

39.5202, -6.3217, -20.3245

Tritanomaly

40.3841, -17.8911, -11.8550

Monochromacy



Original Color

40.4573, -15.2613, -17.6232

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.6525, -10.0387, -5.9353

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4573, -15.2613, -17.6232 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, 123, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 150)  
}
```

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, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4573, -15.2613, -17.6232 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, 123, 150) }
```


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

```
.border{ border-color:rgb(0, 123, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 123, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4573, -15.2613, -17.6232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 123, 150) }
```

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

```
.background{ background-color: rgb(0, 123,  
150) }
```

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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