

Converting Colors

HunterLab(41.4383, -16.9311,
-15.2451)

Have a look what the booklet for
HunterLab(41.4383, -16.9311,
-15.2451) contains.

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Color

**HunterLab(41.3420,
-16.7129, -15.5956)**

Conversions

Conversions Part 1

Format	Color
Hex	007E95
RGB	0, 126, 149
RGB Percent	0%, 49%, 58%
CMY	0.9999, 0.5059, 0.4157
CMYK	1.00, 0.15, 0.00, 0.42
HSL	189°, 100%, 29%
HSV	189°, 100%, 58%
XYZ	12.8856, 17.0916, 31.0536
YIQ	90.9480, -82.4790, -19.5590

Conversions

Conversions Part 2

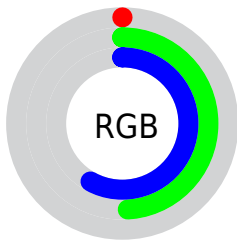
Format	Color
RYB	0, 68, 149
Decimal	32405
CIELab	48.38, -20.62, -20.66
CIELCh	48, 29.187, 225.047
Yxy	17.0922, 0.2111, 0.2801
Android (android.graphics.Color)	4278222485 (0xFF007E95)
YUV	90.9480, 28.6196, -79.7614
Hunter-Lab	41.3420, -16.7129, -15.5956

Details

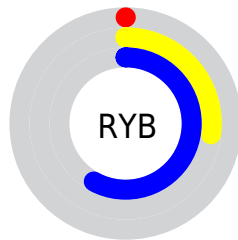
The HunterLab color **41.3420, -16.7129, -15.5956** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26.4638, 39.3608, 16.9945**, and the grayscale version is **32.2476, -1.7206, 1.7521**.

A 20% lighter version of the original color is **62.0729, -20.2377, -16.0722**, and **24.8789, -8.6797, -12.3596** is the 20% darker color. If you saturate the color by 10%, you get **41.3415, -16.7120, -15.5969**, and if you desaturate by 10%, it is **42.1759, -17.1833, -14.2842**.

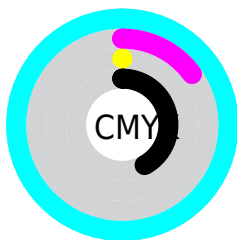
Distribution



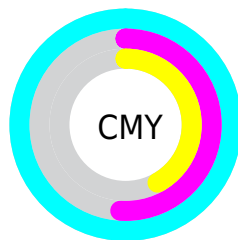
- Red (0%)
- Green (49%)
- Blue (58%)



- 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 41.3420, -16.7129, -15.5956 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 41.3420, -16.7129, -15.5956 by changing the saturation by 10% instead.

41.3420, -16.7129,
-15.5956

41.3420, -16.7129,
-15.5956

153.5263,
-31.6735, -16.5543

32.0940, -14.8589,
-15.1860

62.0357, -20.2205,
-16.2186

23.6611, -12.8978,
-14.7236

73.3847, -21.9102,
-16.4338

16.1323, -10.7724,
-14.2457

85.3521, -23.5721,
-16.5881

9.6329, -9.8542,
-13.8890

97.9074, -25.2138,
-16.6847

0.0000, NaN, -NF

0.0000, NaN, -NF

111.0243,
-26.8408, -16.7268

0.0000, NaN, NaN

124.6797,

0.0000, NaN, NaN

-28.4576, -16.7173

0.0000, NaN, NaN

138.8531,
-30.0676, -16.6590

■ 41.3420, -16.7129,
-15.5956

■ 41.3420, -16.7129,
-15.5956

■ 41.3415, -16.7120,
-15.5969

■ 42.1759, -17.1833,
-14.2842

■ 43.0920, -17.3440,
-12.8727

■ 44.1247, -17.0677,
-11.3159

■ 45.2807, -16.3340,
-9.6154

■ 46.5631, -15.1404,
-7.7788

■ 47.9723, -13.4975,
-5.8182

■ 49.5067, -11.4255,
-3.7473

■ 51.1631, -8.9512,
-1.5808

■ 52.9375, -6.1053,
0.6669

Harmonies

Analogous

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



41.3427, -21.4851, -3.5974



41.3420, -16.7129, -15.5956



41.3427, -7.7656, -23.6974

Triad

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



41.3427, -16.7127, -15.5949



41.3427, 21.4227, -3.5593



41.3427, -7.7988, 17.8571

Complementary

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



41.3420, -16.7129, -15.5956



26.4638, 39.3608, 16.9945

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.



41.3427, 3.6592, 17.8621



41.3420, -16.7129, -15.5956



41.3427, 21.4112, 7.3519

Square

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



41.3427, -16.7127, -15.5949



41.3427, 14.6504, -15.5605



41.3427, 14.6207, 14.5499



41.3427, -16.7348, 14.5337

Rectangle

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



41.3420, -16.7129, -15.5956



41.3427, -0.2429, -24.6965



41.3427, 14.6207, 14.5499



41.3427, -4.1374, 18.2097

Sweetspot

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



41.3427, -16.7127, -15.5949



66.1184, -15.4790, -5.1915



46.4269, -39.3538, 26.9257



30.7511, -7.8076, -2.9458



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.



41.3427, -16.7127, -15.5949



55.1313, -22.1111, -21.1779



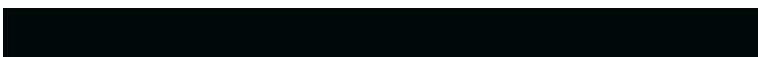
21.5425, 17.4891, -64.6764



25.3206, -2.7982, 0.4040



37.9727, -15.3916, -14.2364



4.5781, -2.1827, -1.0105

Inverse Universe

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



28.1007, 53.4795, -23.3962



37.5752, 71.4703, -30.9257



38.6172, 9.4101, 23.9595



24.2775, 1.6091, -0.3248



25.7856, 49.0887, -21.5544



2.9107, 5.6341, -3.1530

Previews

White Background



This preview shows how the HunterLab color 41.3420, -16.7129, -15.5956 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 41.3420, -16.7129, -15.5956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

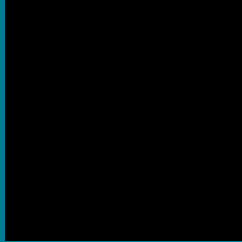
Any Text WCAG AA × Fail

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 41.3420, -16.7129, -15.5956 Background



This preview shows how black text looks on a background with the HunterLab color 41.3420, -16.7129, -15.5956.



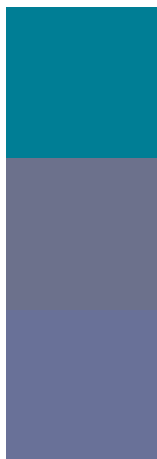
This preview shows how white text looks on a background with the HunterLab color 41.3420,

-16.7129, -15.5956.

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

41.3420, -16.7129, -15.5956

Protanopia

41.0997, 1.1399, -10.4466

Deuteranopia

41.3286, 2.8191, -17.1001



Tritanopia

41.2127, -19.6944, -8.9977

Trichromacy



Original Color

41.3420, -16.7129, -15.5956

Protanomaly

40.2557, -8.8545, -13.6235

Deuteranomaly

40.4778, -7.4269, -18.0731

Tritanomaly

41.3544, -18.8599, -10.9762

Monochromacy



Original Color

41.3420, -16.7129, -15.5956

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

34.5977, -10.9142, -5.1418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.3420, -16.7129, -15.5956 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, 126, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 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, 126, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 41.3420, -16.7129, -15.5956 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, 126, 149) }
```


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

```
.border{ border-color:rgb(0, 126, 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, 126, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.3420, -16.7129, -15.5956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 149) }
```

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

```
.background{ background-color: rgb(0, 126,  
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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