

Converting Colors

HunterLab(17.8529, -8.5684,
-6.1264)

Have a look what the booklet for
HunterLab(17.8529, -8.5684,
-6.1264) contains.

HunterLab(17.9491, -7.5678, -6.0981)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.9491, -7.5678,
-6.0981)**

Conversions

Conversions Part 1

Format	Color
Hex	003842
RGB	0, 56, 66
RGB Percent	0%, 22%, 26%
CMY	1.0000, 0.7804, 0.7412
CMYK	1.00, 0.15, 0.00, 0.74
HSL	189°, 100%, 13%
HSV	189°, 100%, 26%
XYZ	2.3975, 3.2217, 5.6498
YIQ	40.3960, -36.5860, -8.7620

Conversions

Conversions Part 2

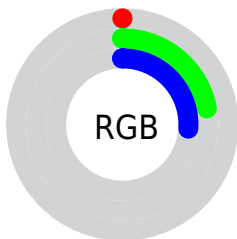
Format	Color
RYB	0, 30, 66
Decimal	14402
CIELab	20.91, -12.46, -10.96
CIELCh	21, 16.592, 221.328
Yxy	3.2218, 0.2128, 0.2859
Android (android.graphics.Color)	4278204482 (0xFF003842)
YUV	40.3960, 12.6228, -35.4273
Hunter-Lab	17.9491, -7.5678, -6.0981

Details

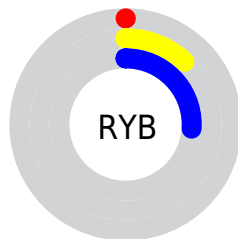
The HunterLab color **17.9491, -7.5678, -6.0981** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.7279, 15.3256, 7.4944**, and the grayscale version is **14.6645, -0.7825, 0.7967**.

A 20% lighter version of the original color is **34.3297, -10.2916, -6.5208**, and **4.6680, 1.0407, -8.0812** is the 20% darker color. If you saturate the color by 10%, you get **17.9492, -7.5678, -6.0982**, and if you desaturate by 10%, it is **18.3366, -7.4680, -5.4979**.

Distribution



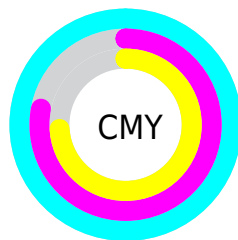
- Red (0%)
- Green (22%)
- Blue (26%)



- Red (0%)
- Yellow (12%)
- Blue (26%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9491, -7.5678, -6.0981 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 17.9491, -7.5678, -6.0981 by changing the saturation by 10% instead.

■ 17.9491, -7.5678,
-6.0981

■ 17.9491, -7.5678,
-6.0981

■ 114.4361,
-19.0790, -5.4341

■ 11.1741, -6.0732,
-5.8042

■ 34.3645, -10.2759,
-6.4221

■ 3.1761, -5.5582,
-14.1273

■ 43.8088, -11.5627,
-6.4634

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.9880, -12.8281,
-6.4345

0.0000, NaN, NaN

■ 64.8525, -14.0815,
-6.3420

0.0000, NaN, NaN

■ 76.3614, -15.3293,
-6.1914

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.4806, -16.5762,

-5.9874

0.0000, NaN, NaN

101.1806,
-17.8253, -5.7339

17.9491, -7.5678,
-6.0981

17.9491, -7.5678,
-6.0981

17.9492, -7.5678,
-6.0982

18.3366, -7.4680,
-5.4979

18.7262, -7.3629,
-4.9094

19.1522, -7.1225,
-4.2796

19.6218, -6.7223,
-3.6014

20.1354, -6.1641,
-2.8778

■ 20.6929, -5.4530,
-2.1130

■ 21.2934, -4.5962,
-1.3115

■ 21.9360, -3.6026,
-0.4777

■ 22.6192, -2.4820,
0.3838

Harmonies

Analogous

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



17.9494, -9.3780, -0.8960



17.9491, -7.5678, -6.0981



17.9494, -3.9083, -9.9048

Triad

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



17.9494, -7.5677, -6.0978



17.9494, 8.9887, -2.1736



17.9494, -2.7921, 7.7856

Complementary

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



17.9491, -7.5678, -6.0981



11.7279, 15.3256, 7.4944

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.



17.9494, 2.1946, 7.6172



17.9491, -7.5678, -6.0981



17.9494, 9.3712, 2.6677

Square

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



17.9494, -7.5677, -6.0978



17.9494, 5.7764, -7.2486



17.9494, 6.7710, 5.9909



17.9494, -6.8271, 6.5376

Rectangle

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



17.9491, -7.5678, -6.0981



17.9494, -0.7373, -10.6509



17.9494, 6.7710, 5.9909



17.9494, -1.1790, 7.8815

Sweetspot

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



17.9494, -7.5677, -6.0978



27.9557, -6.2167, -1.8700



19.7945, -16.5820, 11.0551



14.1603, -3.2647, -1.0427



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



17.9494, -7.5677, -6.0978



23.5004, -9.7725, -8.2773



10.0512, 5.3530, -24.1171



12.0518, -1.2235, 0.2720



26.3224, -10.8914, -9.3894



65.1181, -26.2147, -24.8020

Inverse Universe

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



12.0162, 22.9523, -10.6550



15.8126, 30.1690, -13.7317



16.9673, 2.9949, 10.5072



11.6356, 0.5277, -0.0216



17.7438, 33.8387, -15.2931



44.3243, 84.3335, -36.6811

Previews

White Background



This preview shows how the HunterLab color 17.9491, -7.5678, -6.0981 looks on a white background.

Color Contrast Check

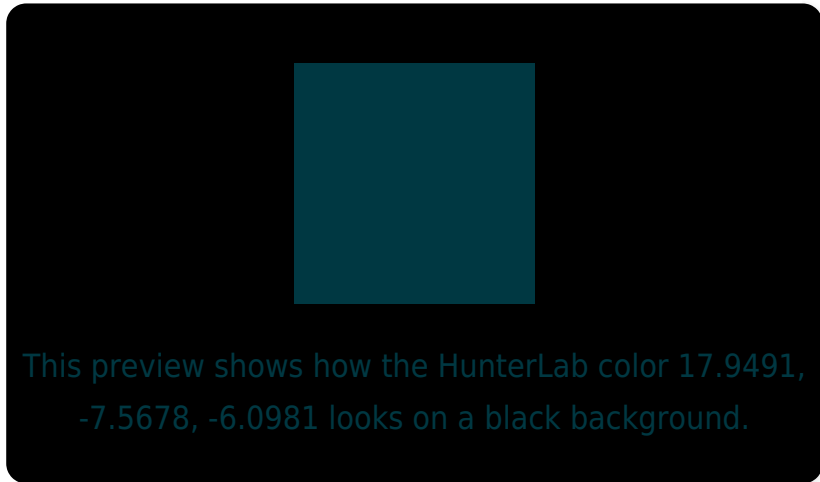
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

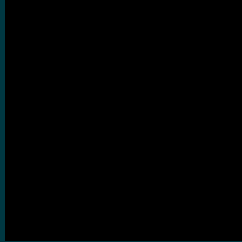
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

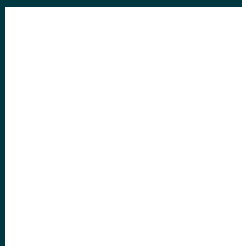
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 17.9491, -7.5678, -6.0981 Background



This preview shows how black text looks on a background with the HunterLab color 17.9491, -7.5678, -6.0981.



This preview shows how white text looks on a background with the HunterLab color 17.9491, -7.5678, -6.0981.

-6.0981.

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

17.9491, -7.5678, -6.0981

Protanopia

18.0482, 0.3512, -3.8442

Deuteranopia

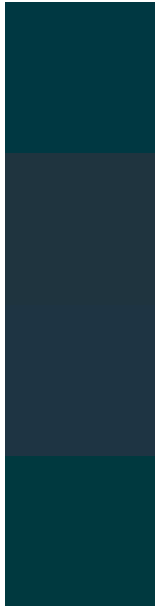
18.1405, 0.9815, -6.1604



Tritanopia

18.0643, -8.8316, -3.5139

Trichromacy



Original Color

17.9491, -7.5678, -6.0981

Protanomaly

17.6243, -3.5954, -5.0230

Deuteranomaly

17.7123, -3.0153, -6.9139

Tritanomaly

18.1249, -8.4734, -4.3630

Monochromacy



Original Color

17.9491, -7.5678, -6.0981

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.4351, -4.6654, -1.7323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9491, -7.5678, -6.0981 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, 56, 66)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 66)  
}
```

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, 56, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9491, -7.5678, -6.0981 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, 56, 66) }
```


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

```
.border{ border-color:rgb(0, 56, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 56, 66); box-shadow:4px  
4px 4px 4px rgb(0, 56, 66) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.9491, -7.5678, -6.0981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 66) }
```

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

```
.background{ background-color: rgb(0, 56,  
66) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor