

Converting Colors

HunterLab(17.1197, 16.5070,
-6.1635)

Have a look what the booklet for
HunterLab(17.1197, 16.5070,
-6.1635) contains.

HunterLab(17.1112, 16.7478, -5.9699)	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(17.1112, 16.7478,
-5.9699)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1F40
RGB	77, 31, 64
RGB Percent	30%, 12%, 25%
CMY	0.6980, 0.8784, 0.7490
CMYK	0.00, 0.60, 0.17, 0.70
HSL	317°, 43%, 21%
HSV	317°, 60%, 30%
XYZ	4.4760, 2.9279, 5.1797
YIQ	48.5160, 16.8230, 20.0150

Conversions

Conversions Part 2

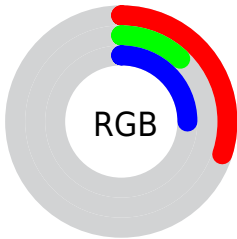
Format	Color
R_{YB}	77, 31, 64
Decimal	5054272
CIE _{Lab}	19.75, 26.45, -10.82
CIE _{LCh}	20, 28.580, 337.744
Yxy	2.9281, 0.3557, 0.2327
Android (android.graphics.Color)	4283244352 (0xFF4D1F40)
YUV	48.5160, 7.6336, 24.9805
Hunter-Lab	17.1112, 16.7478, -5.9699

Details

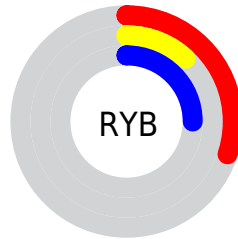
The HunterLab color **17.1112, 16.7478, -5.9699** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **24.0438, -14.8030, 8.6799**, and the grayscale version is **17.3358, -0.9250, 0.9419**.

A 20% lighter version of the original color is **33.4781, 18.9976, -6.1866**, and **6.4440, 11.9345, -2.8042** is the 20% darker color. If you saturate the color by 10%, you get **15.9642, 19.4459, -6.6548**, and if you desaturate by 10%, it is **18.4521, 13.8036, -5.0376**.

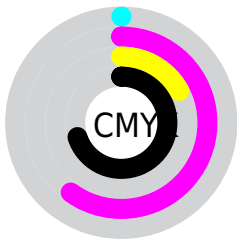
Distribution



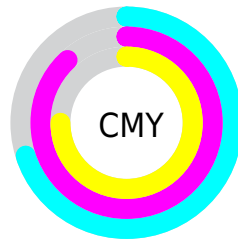
- Red (30%)
- Green (12%)
- Blue (25%)



- Red (30%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (17%)
- Black (70%)



- Cyan (70%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1112, 16.7478, -5.9699 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 17.1112, 16.7478, -5.9699 by changing the saturation by 10% instead.

■ 17.1112, 16.7478,
-5.9699

■ 17.1112, 16.7478,
-5.9699

■ 112.8738, 23.3963,
-5.3234

■ 10.4609, 15.3913,
-5.6712

■ 33.3212, 19.0171,
-6.3020

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.6767, 19.9433,
-6.3460

0.0000, NaN, NaN

■ 52.7736, 20.7504,
-6.3192

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5610, 21.4519,
-6.2283

0.0000, NaN, NaN

■ 74.9972, 22.0588,
-6.0789

0.0000, NaN, NaN

■ 87.0473, 22.5803,

0.0000, NaN, NaN

-5.8758

99.6814, 23.0240,
-5.6228

17.1112, 16.7478,
-5.9699

17.1112, 16.7478,
-5.9699

15.9642, 19.4459,
-6.6548

18.4521, 13.8036,
-5.0376

15.0308, 21.7495,
-7.0284

19.9626, 10.7359,
-3.9221

14.3160, 23.5334,
-7.0547

21.6208, 7.6274,
-2.6746

13.6414, 25.3213,
-7.0225

23.4068, 4.5300,
-1.3346

13.6232, 25.3717,
-7.0224

25.3032, 1.4725,
0.0697

■ 27.2958, -1.5318,
1.5187

■ 29.3725, -4.4788,
2.9990

■ 31.5233, -7.3700,
4.5020

■ 33.7402, -10.2096,
6.0217

Harmonies

Analogous

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



17.1116, 10.1380, -16.2167



17.1112, 16.7478, -5.9699



17.1116, 18.2115, 2.8752

Triad

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



17.1116, 16.7469, -5.9694



17.1116, -3.0365, 10.5880



17.1116, -11.9045, -11.3957

Complementary

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



17.1112, 16.7478, -5.9699



24.0438, -14.8030, 8.6799

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.



17.1116, -14.1575, -1.2711



17.1112, 16.7478, -5.9699



17.1116, -9.7211, 9.2024

Square

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



17.1116, 16.7469, -5.9694



17.1116, 5.6430, 10.1354



17.1116, -13.4435, 5.7886



17.1116, -6.6116, -20.2629

Rectangle

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



17.1112, 16.7478, -5.9699



17.1116, 15.8554, 6.6514



17.1116, -13.4435, 5.7886



17.1116, -12.9909, -7.8761

Sweetspot

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



17.1116, 16.7469, -5.9694



30.7572, 5.4652, -1.5431



14.2666, 10.5317, -20.2040



15.5518, 3.1615, -0.9520



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



17.1116, 16.7469, -5.9694



20.1715, 26.8697, -8.9621



16.5021, 13.9977, 2.6323



13.1148, 0.5875, 0.1158



18.1882, 33.8052, -8.8462



44.0952, 81.6451, -19.0316

Inverse Universe

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



17.1116, 16.7469, -5.9694



20.1715, 26.8697, -8.9621



24.4860, -12.1578, 2.2946



13.1148, 0.5875, 0.1158



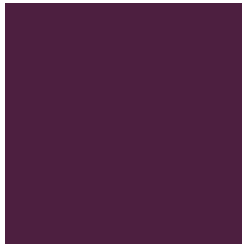
18.1882, 33.8052, -8.8462



44.0952, 81.6451, -19.0316

Previews

White Background



This preview shows how the HunterLab color 17.1112, 16.7478, -5.9699 looks on a white background.

Color Contrast Check

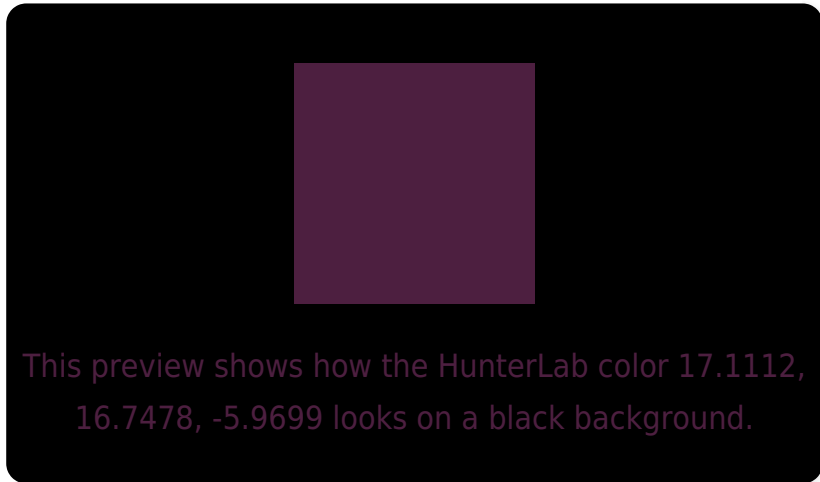
Large Text (above 18pt) WCAG AA ✓ Pass

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

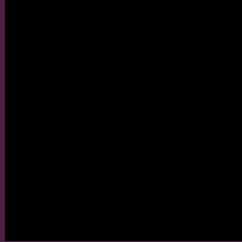
Any Text WCAG AA × Fail

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 17.1112, 16.7478, -5.9699 Background



This preview shows how black text looks on a background with the HunterLab color 17.1112, 16.7478, -5.9699.



This preview shows how white text looks on a background with the HunterLab color 17.1112, 16.7478, -5.9699.

-5.9699.

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

17.1112, 16.7478, -5.9699

Protanopia

17.4980, 1.9798, -12.9736

Deuteranopia

17.4790, 0.7791, -4.1914



Tritanopia

17.2400, 10.6883, 3.9064

Trichromacy



Original Color

17.1112, 16.7478, -5.9699

Protanomaly

16.8934, 6.5080, -10.9937

Deuteranomaly

17.0390, 6.2442, -5.2497

Tritanomaly

17.2056, 12.7984, 0.8130

Monochromacy



Original Color

17.1112, 16.7478, -5.9699

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

16.8881, 5.2985, -1.7535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1112, 16.7478, -5.9699 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(77, 31, 64)` looks like.

```
.text, #text, p{  
    color:rgb(77, 31, 64)  
}
```

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(77, 31, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 31, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1112, 16.7478, -5.9699 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(77, 31, 64) }
```


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

```
.border{ border-color:rgb(77, 31, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 31, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 31, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 31, 64);  
box-shadow:4px 4px 4px 4px rgb(77, 31, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.1112, 16.7478, -5.9699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 31, 64) }
```

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

```
.background{ background-color: rgb(77, 31,  
64) }
```

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