

Converting Colors

HunterLab(16.7862, 6.9165,
8.9710)

Have a look what the booklet for
HunterLab(16.7862, 6.9165, 8.9710)
contains.

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Color

**HunterLab(16.7998, 6.7610,
9.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	47270E
RGB	71, 39, 14
RGB Percent	28%, 15%, 5%
CMY	0.7216, 0.8470, 0.9451
CMYK	0.00, 0.45, 0.80, 0.72
HSL	26°, 67%, 17%
HSV	26°, 80%, 28%
XYZ	3.4033, 2.8223, 0.7808
YIQ	45.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

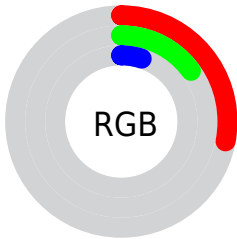
Format	Color
R_{YB}	71, 59, 14
Decimal	4663054
CIE Lab	19.32, 12.57, 22.14
CIE LCh	19, 25.456, 60.419
Yxy	2.8225, 0.4857, 0.4028
Android (android.graphics.Color)	4282853134 (0xFF47270E)
YUV	45.7180, -15.6370, 22.1723
Hunter-Lab	16.7998, 6.7610, 9.0041

Details

The HunterLab color **16.7998, 6.7610, 9.0041** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **15.8181, -1.7797, -12.6281**, and the grayscale version is **16.4799, -0.8793, 0.8954**.

A 20% lighter version of the original color is **32.8232, 7.4640, 13.3640**, and **3.9929, 6.8379, 2.5801** is the 20% darker color. If you saturate the color by 10%, you get **15.9930, 8.1504, 9.2629**, and if you desaturate by 10%, it is **17.6663, 5.4406, 8.5837**.

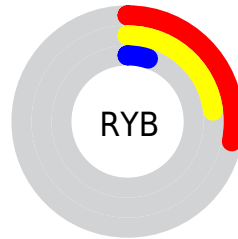
Distribution



Red (28%)

Green (15%)

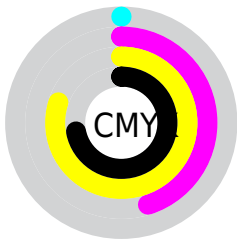
Blue (5%)



Red (28%)

Yellow (23%)

Blue (5%)

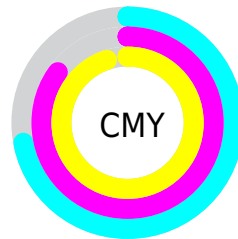


Cyan (0%)

Magenta (45%)

Yellow (80%)

Black (72%)



Cyan (72%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7998, 6.7610, 9.0041 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 16.7998, 6.7610, 9.0041 by changing the saturation by 10% instead.

■ 16.7998, 6.7610,
9.0041

■ 16.7998, 6.7610,
9.0041

■ 112.2886, 7.6104,
26.1891

■ 10.1969, 6.1463,
7.1378

■ 32.9320, 7.5487,
13.4263

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.2539, 7.7772,
15.4315

0.0000, NaN, NaN

■ 52.3197, 7.9176,
17.3445

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.0779, 7.9809,
19.1906

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 74.4867, 7.9758,
20.9871


0.0000, NaN, NaN


■ 86.5107, 7.9090,

22.7465


 99.1200, 7.7857,
24.4782


 16.7998, 6.7610,
9.0041


 16.7998, 6.7610,
9.0041


 15.9930, 8.1504,
9.2629


 17.6663, 5.4406,
8.5837

 15.2546, 9.4879,
9.5659

 18.5885, 4.2101,
7.9835

 19.5623, 3.0716,
7.2174

 20.5835, 2.0249,
6.3005

 21.6481, 1.0671,
5.2474

■ 22.7525, 0.1938,
4.0721

■ 23.8936, -0.6001,
2.7872

■ 25.0682, -1.3201,
1.4040

■ 26.2740, -1.9720,
-0.0673

Harmonies

Analogous

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



16.8002, 13.2965, 6.4465



16.7998, 6.7610, 9.0041



16.8002, -1.0017, 9.8228

Triad

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



16.8002, 6.7600, 9.0043



16.8002, -12.9380, 0.8148



16.8002, 6.9726, -15.5516

Complementary

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



16.7998, 6.7610, 9.0041



15.8181, -1.7797, -12.6281

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.



16.8002, -0.7927, -19.1652



16.7998, 6.7610, 9.0041



16.8002, -11.5351, -7.5329

Square

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



16.8002, 6.7600, 9.0043



16.8002, -11.6116, 6.3388



16.8002, -7.3893, -15.7361



16.8002, 13.4335, -7.2812

Rectangle

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



16.7998, 6.7610, 9.0041



16.8002, -5.6005, 9.4283



16.8002, -7.3893, -15.7361



16.8002, 4.3879, -17.4790

Sweetspot

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



16.8002, 6.7600, 9.0043



28.9116, 0.7669, 6.0245



13.6136, 18.8506, -2.6741



14.4906, 0.4838, 3.1730



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



16.8002, 6.7600, 9.0043



19.8805, 12.3777, 12.1525



23.2581, -4.6547, 13.1909



12.6548, -0.3815, 1.3453



21.0984, 14.5302, 13.2551



50.3494, 40.1432, 31.7278

Inverse Universe

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



15.8181, -1.7797, -12.6281



18.3092, -0.3691, -21.3643



9.8715, 10.4184, -29.5389



12.5954, -0.9338, 0.0008



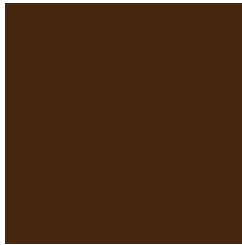
19.2903, 0.2901, -24.7374



45.6356, 4.2317, -66.1756

Previews

White Background



This preview shows how the HunterLab color 16.7998, 6.7610, 9.0041 looks on a white background.

Color Contrast Check

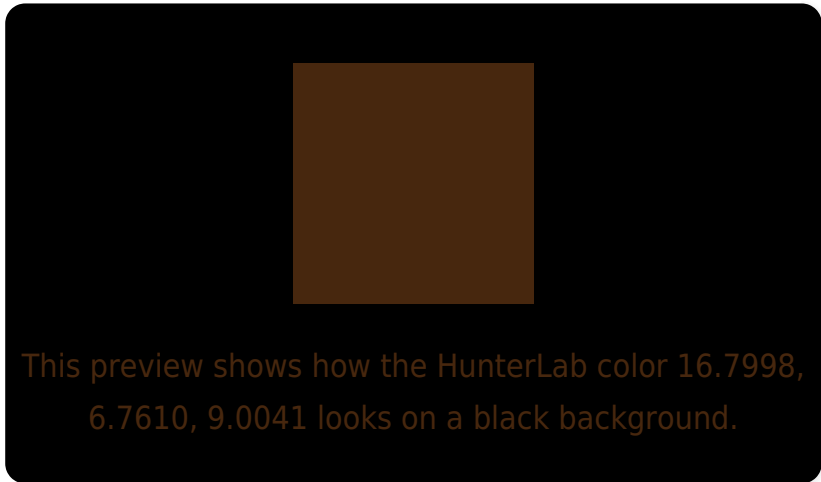
Large Text (above 18pt) WCAG AA ✓ Pass

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

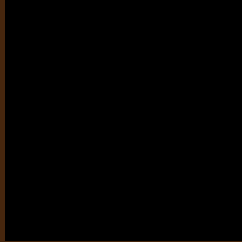
Any Text WCAG AA × Fail

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 16.7998, 6.7610, 9.0041 Background



This preview shows how black text looks on a background with the HunterLab color 16.7998, 6.7610, 9.0041.

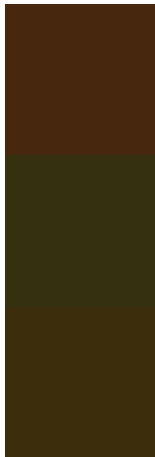


This preview shows how white text looks on a background with the HunterLab color 16.7998, 6.7610,

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

16.7998, 6.7610, 9.0041

Protanopia

17.0534, -2.4336, 8.7613

Deuteranopia

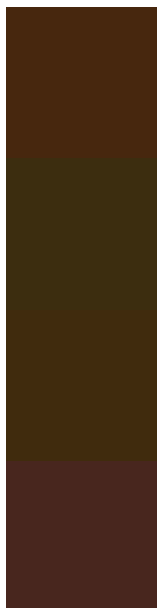
16.9233, 0.6372, 9.2206



Tritanopia

16.8741, 9.6132, 3.8217

Trichromacy



Original Color

16.7998, 6.7610, 9.0041

Protanomaly

16.9467, 0.7634, 8.8747

Deuteranomaly

16.8725, 2.7495, 9.1068

Tritanomaly

16.9047, 8.4294, 6.2561

Monochromacy



Original Color

16.7998, 6.7610, 9.0041

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.2956, 1.3665, 4.5589

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7998, 6.7610, 9.0041 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(71, 39, 14)` looks like.

```
.text, #text, p{  
    color:rgb(71, 39, 14)  
}
```

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(71, 39, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 39, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7998, 6.7610, 9.0041 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(71, 39, 14) }
```


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

```
.border{ border-color:rgb(71, 39, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 39, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 39, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 39, 14);  
box-shadow:4px 4px 4px 4px rgb(71, 39, 14)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.7998, 6.7610, 9.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 39, 14) }
```

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

```
.background{ background-color: rgb(71, 39,  
14) }
```

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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