

Converting Colors

HunterLab(16.4678, 17.2762,
10.4498)

Have a look what the booklet for
HunterLab(16.4678, 17.2762,
10.4498) contains.

HunterLab(16.4970, 17.4202, 10.4703)	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(16.4970, 17.4202,
10.4703)**

Conversions

Conversions Part 1

Format	Color
Hex	571900
RGB	87, 25, 0
RGB Percent	34%, 10%, 0%
CMY	0.6588, 0.9019, 1.0000
CMYK	0.00, 0.71, 1.00, 0.66
HSL	17°, 100%, 17%
HSV	17°, 100%, 34%
XYZ	4.2781, 2.7215, 0.2998
YIQ	40.6880, 44.9770, 5.3690

Conversions

Conversions Part 2

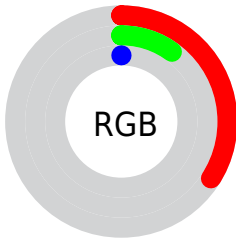
Format	Color
RYB	87, 35, 0
Decimal	5708032
CIELab	18.89, 27.46, 28.28
CIElCh	19, 39.421, 45.848
Yxy	2.7217, 0.5861, 0.3728
Android (android.graphics.Color)	4283898112 (0xFF571900)
YUV	40.6880, -20.0592, 40.6156
Hunter-Lab	16.4970, 17.4202, 10.4703

Details

The HunterLab color **16.4970, 17.4202, 10.4703** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **20.3297, -5.3490, -13.8632**, and the grayscale version is **14.8430, -0.7920, 0.8064**.

A 20% lighter version of the original color is **32.5434, 19.7607, 15.4994**, and **6.1421, 10.5543, 3.6923** is the 20% darker color. If you saturate the color by 10%, you get **16.4974, 17.4188, 10.4706**, and if you desaturate by 10%, it is **17.4240, 15.3364, 10.1549**.

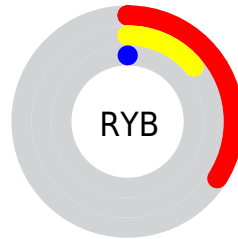
Distribution



Red (34%)

Green (10%)

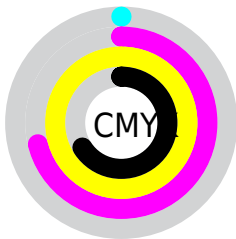
Blue (0%)



Red (34%)

Yellow (14%)

Blue (0%)

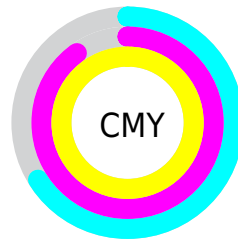


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4970, 17.4202, 10.4703 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 16.4970, 17.4202, 10.4703 by changing the saturation by 10% instead.

■ 16.4970, 17.4202,
10.4703

■ 16.4970, 17.4202,
10.4703

■ 111.7170, 24.5415,
30.9314

■ 9.9409, 16.0142,
6.9586

■ 32.5527, 19.8077,
15.5434

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.8416, 20.7915,
18.0209

0.0000, NaN, NaN

■ 51.8768, 21.6537,
20.3627

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6065, 22.4078,
22.6025

0.0000, NaN, NaN


■ 73.9883, 23.0650,
24.7641


0.0000, NaN, NaN


■ 85.9868, 23.6347,


0.0000, NaN, NaN


26.8646


 98.5718, 24.1247,
28.9171


 16.4970, 17.4202,
10.4703


 16.4970, 17.4202,
10.4703


 16.4974, 17.4188,
10.4706

 17.4240, 15.3364,
10.1549

 18.4834, 13.1304,
9.8649

 19.6804, 10.9452,
9.3566

 21.0018, 8.8289,
8.6504

 22.4342, 6.8093,
7.7747

■ 23.9650, 4.8998,
6.7565

■ 25.5833, 3.1038,
5.6195

■ 27.2793, 1.4186,
4.3837

■ 29.0446, -0.1624,
3.0652

Harmonies

Analogous

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



16.4975, 26.0782, 5.6534



16.4970, 17.4202, 10.4703



16.4975, 4.8520, 11.5482

Triad

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



16.4975, 17.4186, 10.4705



16.4975, -17.2577, 5.2405



16.4975, 5.5698, -34.6061

Complementary

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



16.4970, 17.4202, 10.4703



20.3297, -5.3490, -13.8632

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.



16.4975, -5.9246, -35.0339



16.4970, 17.4202, 10.4703



16.4975, -17.1636, -5.9037

Square

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



16.4975, 17.4186, 10.4705



16.4975, -13.8889, 10.2631



16.4975, -13.5830, -22.2933



16.4975, 18.0661, -21.3546

Rectangle

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



16.4970, 17.4202, 10.4703



16.4975, -3.0644, 11.5482



16.4975, -13.5830, -22.2933



16.4975, 1.4219, -36.4560

Sweetspot

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



16.4975, 17.4186, 10.4705



33.2119, 4.2751, 7.4907



15.4204, 28.6880, -7.7129



16.1423, 2.3937, 3.8865



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



16.4975, 17.4186, 10.4705



21.2231, 23.6746, 13.4921



24.8569, -0.3650, 15.3102



14.8425, -0.1772, 1.4701



20.2498, 22.3860, 12.8697



46.5393, 57.2525, 29.6796

Inverse Universe

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



20.3297, -5.3490, -13.8632



26.2771, -6.5785, -18.6431



10.7183, 13.7285, -43.0326



15.0730, -1.3734, 0.1408



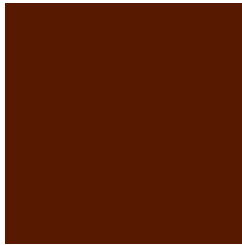
25.0533, -6.3267, -17.6569



58.0320, -13.0052, -44.4605

Previews

White Background



This preview shows how the HunterLab color 16.4970, 17.4202, 10.4703 looks on a white background.

Color Contrast Check

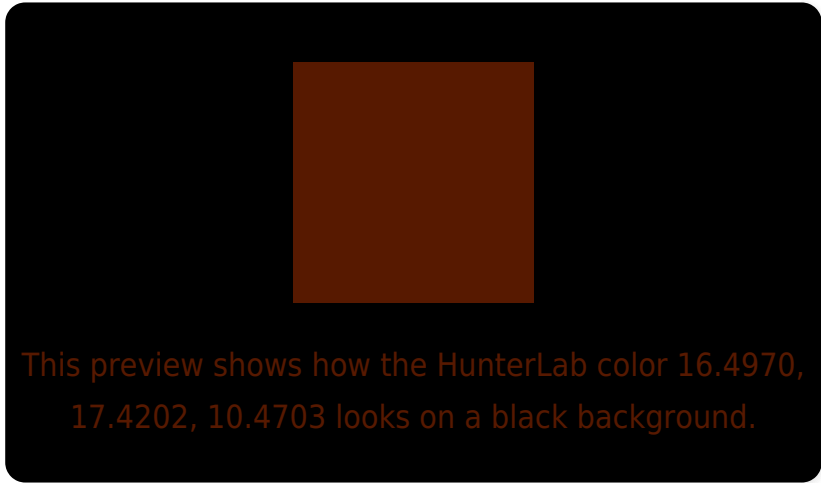
Large Text (above 18pt) WCAG AA ✓ Pass

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

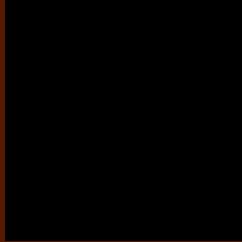
Any Text WCAG AA × Fail

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 16.4970, 17.4202, 10.4703 Background



This preview shows how black text looks on a background with the HunterLab color 16.4970, 17.4202, 10.4703.



This preview shows how white text looks on a background with the HunterLab color 16.4970, 17.4202, 10.4703.

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

16.4970, 17.4202, 10.4703

Protanopia

17.0883, -2.4001, 9.4914

Deuteranopia

16.8447, 0.2127, 10.3833



Tritanopia

16.4468, 18.9910, 7.3517

Trichromacy



Original Color

16.4970, 17.4202, 10.4703

Protanomaly

16.3981, 4.3778, 9.5581

Deuteranomaly

16.3961, 6.3502, 10.2144

Tritanomaly

16.4742, 18.2307, 8.8440

Monochromacy



Original Color

16.4970, 17.4202, 10.4703

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.7519, 4.8267, 5.2467

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4970, 17.4202, 10.4703 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(87, 25, 0)` looks like.

```
.text, #text, p{  
    color:rgb(87, 25, 0)  
}
```

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(87, 25, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 25, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4970, 17.4202, 10.4703 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(87, 25, 0) }
```


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

```
.border{ border-color:rgb(87, 25, 0) }
```

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

Here you see how a box with a 4 pixel rgb(87, 25, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 25, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 25, 0); box-shadow:4px  
4px 4px 4px rgb(87, 25, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4970, 17.4202, 10.4703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 25, 0) }
```

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

```
.background{ background-color: rgb(87, 25,  
0) }
```

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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