

Converting Colors

HunterLab(19.0255, 17.9400,
12.0402)

Have a look what the booklet for
HunterLab(19.0255, 17.9400,
12.0402) contains.

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Color

**HunterLab(19.0502, 17.9499,
12.0529)**

Conversions

Conversions Part 1

Format	Color
Hex	612100
RGB	97, 33, 0
RGB Percent	38%, 13%, 0%
CMY	0.6196, 0.8706, 1.0000
CMYK	0.00, 0.66, 1.00, 0.62
HSL	20°, 100%, 19%
HSV	20°, 100%, 38%
XYZ	5.4736, 3.6291, 0.4120
YIQ	48.3740, 48.7370, 3.3050

Conversions

Conversions Part 2

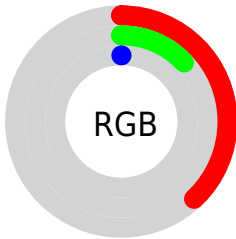
Format	Color
R_YB	97, 50, 0
Decimal	6365440
CIE _{Lab}	22.41, 27.54, 32.74
CIE _{LCh}	22, 42.783, 49.925
Yxy	3.6293, 0.5753, 0.3814
Android (android.graphics.Color)	4284555520 (0xFF612100)
YUV	48.3740, -23.8484, 42.6450
Hunter-Lab	19.0502, 17.9499, 12.0529

Details

The HunterLab color **19.0502, 17.9499, 12.0529** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **21.2824, -3.7723, -18.4577**, and the grayscale version is **17.3827, -0.9275, 0.9444**.

A 20% lighter version of the original color is **35.6579, 20.2893, 17.8558**, and **7.4692, 12.7912, 4.8264** is the 20% darker color. If you saturate the color by 10%, you get **19.0507, 17.9483, 12.0532**, and if you desaturate by 10%, it is **20.1005, 15.6350, 11.8379**.

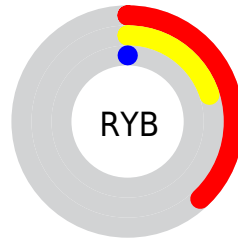
Distribution



Red (38%)

Green (13%)

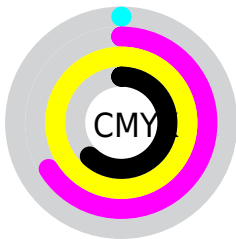
Blue (0%)



Red (38%)

Yellow (20%)

Blue (0%)

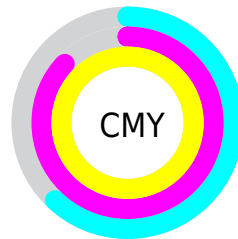


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0502, 17.9499, 12.0529 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 19.0502, 17.9499, 12.0529 by changing the saturation by 10% instead.

■ 19.0502, 17.9499,
12.0529

■ 19.0502, 17.9499,
12.0529

■ 116.4638, 24.7704,
35.0039

■ 12.1179, 16.5822,
8.4826

■ 35.7272, 20.2424,
17.9188

■ 5.1610, 23.0759,
3.6127

■ 45.2850, 21.1856,
20.6771

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.5696, 22.0122,
23.2855

0.0000, NaN, NaN

■ 66.5328, 22.7346,
25.7782

0.0000, NaN, NaN

■ 78.1350, 23.3636,
28.1799

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.3427, 23.9078,


30.5093


0.0000, NaN, NaN

 103.1273, 24.3746,
32.7803


 19.0502, 17.9499,
12.0529


 19.0502, 17.9499,
12.0529

 19.0507, 17.9483,
12.0532

 20.1005, 15.6350,
11.8379

 21.2801, 13.2568,
11.5778

 22.5936, 10.9437,
11.0462

 24.0286, 8.7339,
10.2657

 25.5729, 6.6485,
9.2649

■ 27.2151, 4.6962,
8.0729

■ 28.9449, 2.8772,
6.7165

■ 30.7532, 1.1863,
5.2191

■ 32.6320, -0.3846,
3.6009

Harmonies

Analogous

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



19.0508, 28.7291, 7.5034



19.0502, 17.9499, 12.0529



19.0508, 3.5673, 13.3355

Triad

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



19.0508, 17.9482, 12.0531



19.0508, -19.9447, 4.7535



19.0508, 8.2967, -37.7431

Complementary

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



19.0502, 17.9499, 12.0529



21.2824, -3.7723, -18.4577

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.



19.0508, -5.2060, -40.5295



19.0502, 17.9499, 12.0529



19.0508, -19.3160, -9.0069

Square

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



19.0508, 17.9482, 12.0531



19.0508, -16.6507, 10.9229



19.0508, -14.6150, -27.7083



19.0508, 22.1998, -21.5780

Rectangle

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



19.0502, 17.9499, 12.0529



19.0508, -5.1472, 13.3355



19.0508, -14.6150, -27.7083



19.0508, 3.4970, -40.5585

Sweetspot

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



19.0508, 17.9482, 12.0531



37.6940, 3.9680, 8.9563



17.0856, 31.4706, -6.1002



18.4509, 2.3150, 4.7274



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



19.0508, 17.9482, 12.0531



24.5943, 24.4314, 15.5826



28.9853, -2.3214, 17.8199



16.4756, -0.2778, 1.7116



22.0349, 21.4359, 13.9531



49.4376, 53.6387, 31.4023

Inverse Universe

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



21.2824, -3.7723, -18.4577



27.5318, -4.4255, -24.8590



11.1293, 18.1415, -53.0728



16.6165, -1.4363, 0.0617



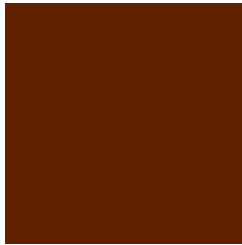
24.6478, -4.1267, -21.8993



55.4761, -7.1999, -53.7979

Previews

White Background



This preview shows how the HunterLab color 19.0502, 17.9499, 12.0529 looks on a white background.

Color Contrast Check

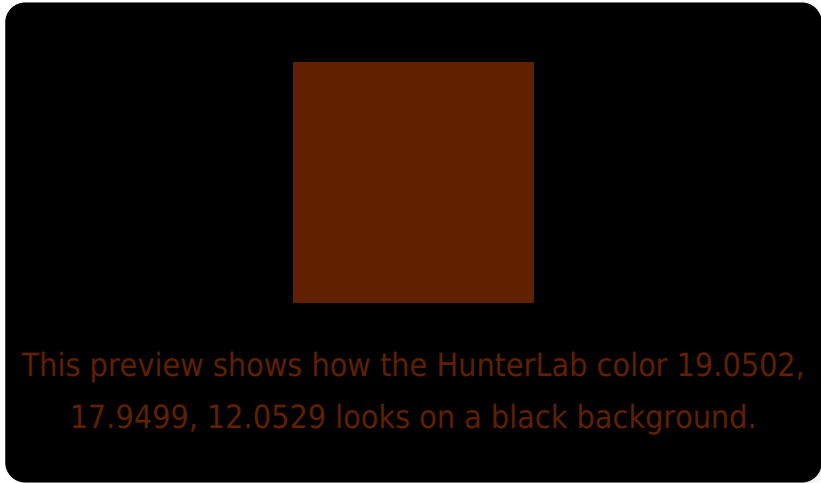
Large Text (above 18pt) WCAG AA ✓ Pass

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

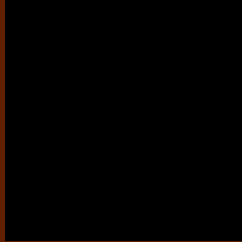
Any Text WCAG AA × Fail

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 19.0502, 17.9499, 12.0529 Background



This preview shows how black text looks on a background with the HunterLab color 19.0502, 17.9499, 12.0529.



This preview shows how white text looks on a background with the HunterLab color 19.0502, 17.9499, 12.0529.

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

19.0502, 17.9499, 12.0529

Protanopia

19.4382, -2.7251, 11.0541

Deuteranopia

19.2904, 0.3147, 11.8922



Tritanopia

19.1857, 20.2725, 7.9542

Trichromacy



Original Color

19.0502, 17.9499, 12.0529

Protanomaly

18.8203, 4.5379, 11.1336

Deuteranomaly

18.8123, 6.5773, 11.7072

Tritanomaly

19.1838, 19.2769, 10.1130

Monochromacy



Original Color

19.0502, 17.9499, 12.0529

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.2770, 4.4587, 6.2754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0502, 17.9499, 12.0529 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(97, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 33, 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(97, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 33, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0502, 17.9499, 12.0529 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(97, 33, 0) }
```


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

```
.border{ border-color:rgb(97, 33, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 33, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 33, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 33, 0); box-shadow:4px  
4px 4px 4px rgb(97, 33, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.0502, 17.9499, 12.0529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 33, 0) }
```

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

```
.background{ background-color: rgb(97, 33,  
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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