

Converting Colors

HunterLab(19.8076, 3.2178,
12.2617)

Have a look what the booklet for
HunterLab(19.8076, 3.2178,
12.2617) contains.

HunterLab(19.7589, 3.0419, 12.2286)	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(19.7589, 3.0419,
12.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3300
RGB	76, 51, 0
RGB Percent	30%, 20%, 0%
CMY	0.7020, 0.8000, 1.0000
CMYK	0.00, 0.33, 1.00, 0.70
HSL	40°, 100%, 15%
HSV	40°, 100%, 30%
XYZ	4.1643, 3.9041, 0.5341
YIQ	52.6610, 31.2710, -10.5610

Conversions

Conversions Part 2

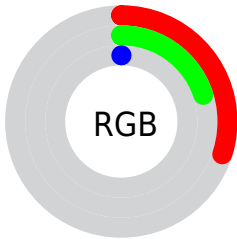
Format	Color
RYB	37, 76, 0
Decimal	4993792
CIELab	23.35, 6.65, 32.62
CIELCh	23, 33.293, 78.487
Yxy	3.9043, 0.4841, 0.4538
Android (android.graphics.Color)	4283183872 (0xFF4C3300)
YUV	52.6610, -25.9619, 20.4683
Hunter-Lab	19.7589, 3.0419, 12.2286

Details

The HunterLab color **19.7589, 3.0419, 12.2286** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **11.0318, 7.4262, -29.8195**, and the grayscale version is **18.8316, -1.0048, 1.0232**.

A 20% lighter version of the original color is **36.5404, 3.0292, 18.0318**, and **6.0271, 4.7676, 3.7973** is the 20% darker color. If you saturate the color by 10%, you get **19.7593, 3.0410, 12.2288**, and if you desaturate by 10%, it is **20.3602, 2.2281, 11.9492**.

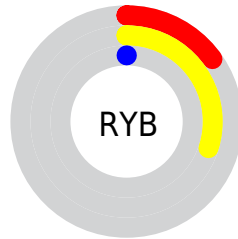
Distribution



Red (30%)

Green (20%)

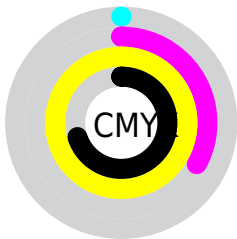
Blue (0%)



Red (15%)

Yellow (30%)

Blue (0%)

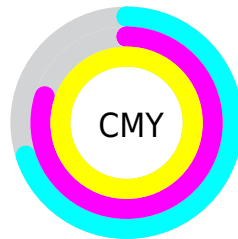


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7589, 3.0419, 12.2286 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 19.7589, 3.0419, 12.2286 by changing the saturation by 10% instead.

19.7589, 3.0419,
12.2286

19.7589, 3.0419,
12.2286

117.7541, 0.9391,
35.1269

12.7287, 2.9046,
8.9101

36.5993, 3.0105,
18.1507

6.0923, 4.4274,
4.2646

46.2283, 2.8783,
20.8845

0.0000, NaN, NaN

0.0000, NaN, NaN

56.5790, 2.6821,
23.4728

0.0000, NaN, NaN

67.6043, 2.4289,
25.9486

0.0000, NaN, NaN

79.2651, 2.1241,
28.3360

0.0000, NaN, NaN

0.0000, NaN, NaN

91.5286, 1.7720,

30.6529

0.0000, NaN, NaN

 104.3665, 1.3760,
32.9130


 19.7589, 3.0419,
12.2286

 19.7589, 3.0419,
12.2286


 19.7593, 3.0410,
12.2288

 20.3602, 2.2281,
11.9492

 20.9764, 1.4346,
11.6519

 21.6206, 0.7329,
11.1409

 22.2933, 0.1306,
10.4007

 22.9939, -0.3712,
9.4338

■ 23.7216, -0.7733,
8.2458

■ 24.4754, -1.0776,
6.8448

■ 25.2543, -1.2869,
5.2400

■ 26.0573, -1.4045,
3.4417

Harmonies

Analogous

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



19.7594, 13.8036, 10.6027



19.7589, 3.0419, 12.2286



19.7594, -6.9330, 12.0089

Triad

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



19.7594, 3.0409, 12.2288



19.7594, -16.5076, -5.8530



19.7594, 16.0044, -15.8565

Complementary

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



19.7589, 3.0419, 12.2286



11.0318, 7.4262, -29.8195

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.



19.7594, 5.6014, -26.3061



19.7589, 3.0419, 12.2286



19.7594, -12.5103, -18.7842

Square

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



19.7594, 3.0409, 12.2288



19.7594, -16.9161, 4.4684



19.7594, -4.8429, -27.5889



19.7594, 22.2454, -3.0514

Rectangle

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



19.7589, 3.0419, 12.2286



19.7594, -11.9005, 10.8512



19.7594, -4.8429, -27.5889



19.7594, 12.7908, -19.9907

Sweetspot

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



19.7594, 3.0409, 12.2288



32.1972, -1.3831, 9.2624



12.6813, 22.2814, 3.8154



16.3872, -0.6657, 4.9754



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.



19.7594, 3.0409, 12.2288



25.8097, 4.5354, 15.9832



24.9732, -10.4259, 15.2058



13.6288, -0.7362, 1.6607



26.4834, 4.7031, 16.4013



63.1315, 14.0135, 39.1466

Inverse Universe

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



11.0318, 7.4262, -29.8195



14.0756, 10.9974, -41.3336



7.7775, 20.0271, -46.9807



13.1589, -0.6592, -0.2609



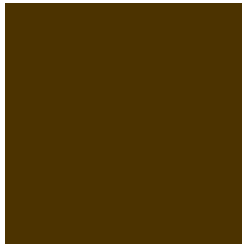
14.4146, 11.3983, -42.6227



32.8384, 33.6463, -113.6779

Previews

White Background



This preview shows how the HunterLab color 19.7589, 3.0419, 12.2286 looks on a white background.

Color Contrast Check

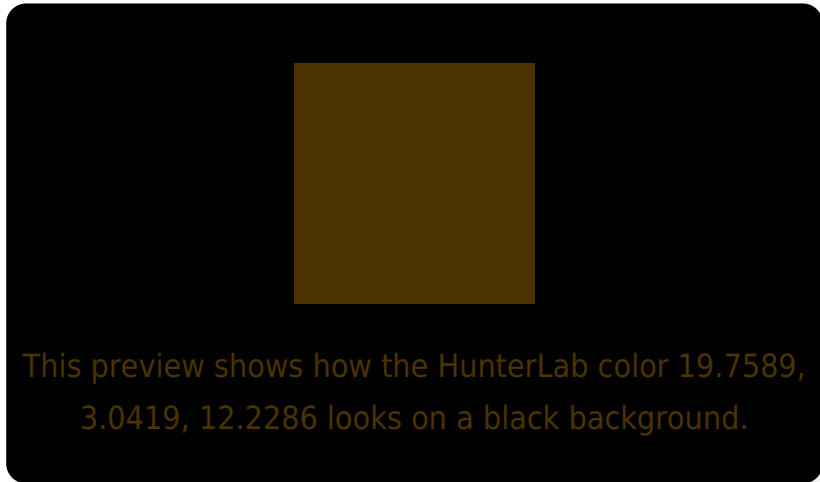
Large Text (above 18pt) WCAG AA ✓ Pass

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

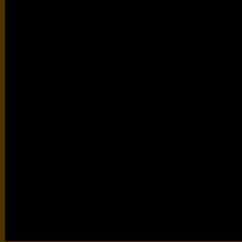
Any Text WCAG AA × Fail

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 19.7589, 3.0419, 12.2286 Background



This preview shows how black text looks on a background with the HunterLab color 19.7589, 3.0419, 12.2286.



This preview shows how white text looks on a background with the HunterLab color 19.7589, 3.0419,

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

19.7589, 3.0419, 12.2286

Protanopia

19.7385, -2.9681, 11.6795

Deuteranopia

19.7124, 0.5617, 12.1565



Tritanopia

19.7275, 8.5099, 2.8920

Trichromacy



Original Color

19.7589, 3.0419, 12.2286

Protanomaly

19.6821, -0.7110, 11.8561

Deuteranomaly

19.6785, 1.6248, 12.1543

Tritanomaly

19.4832, 6.0164, 7.9524

Monochromacy



Original Color

19.7589, 3.0419, 12.2286

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.8774, -0.4965, 6.8703

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7589, 3.0419, 12.2286 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(76, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(76, 51, 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(76, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 51, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7589, 3.0419, 12.2286 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(76, 51, 0) }
```


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

```
.border{ border-color:rgb(76, 51, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 51, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 51, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 51, 0); box-shadow:4px  
4px 4px 4px rgb(76, 51, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.7589, 3.0419, 12.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 51, 0) }
```

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

```
.background{ background-color: rgb(76, 51,  
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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