

Converting Colors

HunterLab(18.9410, 20.0966,
12.0223)

Have a look what the booklet for
HunterLab(18.9410, 20.0966,
12.0223) contains.

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Color

**HunterLab(18.9240, 19.7976,
12.0075)**

Conversions

Conversions Part 1

Format	Color
Hex	631E00
RGB	99, 30, 0
RGB Percent	39%, 12%, 0%
CMY	0.6118, 0.8823, 1.0000
CMYK	0.00, 0.70, 1.00, 0.61
HSL	18°, 100%, 19%
HSV	18°, 100%, 39%
XYZ	5.6098, 3.5812, 0.3956
YIQ	47.2110, 50.7540, 5.2980

Conversions

Conversions Part 2

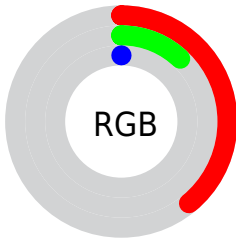
Format	Color
RYB	99, 43, 0
Decimal	6495744
CIELab	22.24, 29.86, 32.68
CIELCh	22, 44.269, 47.578
Yxy	3.5814, 0.5852, 0.3736
Android (android.graphics.Color)	4284685824 (0xFF631E00)
YUV	47.2110, -23.2750, 45.4190
Hunter-Lab	18.9240, 19.7976, 12.0075

Details

The HunterLab color **18.9240, 19.7976, 12.0075** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **22.7080, -5.3096, -16.9210**, and the grayscale version is **16.9935, -0.9067, 0.9233**.

A 20% lighter version of the original color is **35.6678, 22.3967, 17.9000**, and **7.6213, 13.0517, 4.9247** is the 20% darker color. If you saturate the color by 10%, you get **18.9245, 19.7959, 12.0078**, and if you desaturate by 10%, it is **19.9787, 17.3789, 11.7713**.

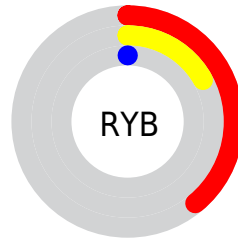
Distribution



Red (39%)

Green (12%)

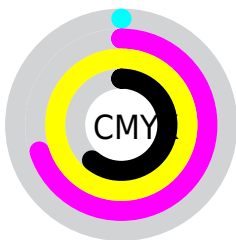
Blue (0%)



Red (39%)

Yellow (17%)

Blue (0%)

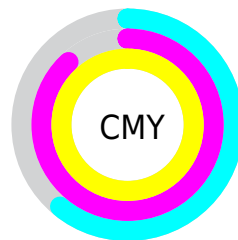


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9240, 19.7976, 12.0075 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 18.9240, 19.7976, 12.0075 by changing the saturation by 10% instead.

■ 18.9240, 19.7976,
12.0075

■ 18.9240, 19.7976,
12.0075

■ 116.2329, 27.5123,
34.9239

■ 12.0095, 18.3378,
8.4066

■ 35.5716, 22.3035,
17.8524

■ 4.9756, 26.1042,
3.4829

■ 45.1165, 23.3531,
20.6093

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.3892, 24.2832,
23.2160

0.0000, NaN, NaN

■ 66.3412, 25.1059,
25.7067

0.0000, NaN, NaN

■ 77.9329, 25.8320,
28.1064

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.1306, 26.4702,

30.4336

0.0000, NaN, NaN

■ 102.9056, 27.0282,
32.7024

■ 18.9240, 19.7976,
12.0075

■ 18.9240, 19.7976,
12.0075

■ 18.9245, 19.7959,
12.0078

■ 19.9787, 17.3789,
11.7713

■ 21.1877, 14.8465,
11.4897

■ 22.5535, 12.3472,
10.9370

■ 24.0610, 9.9341,
10.1408

■ 25.6949, 7.6383,
9.1336

■ 27.4413, 5.4744,
7.9472

■ 29.2877, 3.4458,
6.6104

■ 31.2229, 1.5487,
5.1473

■ 33.2374, -0.2249,
3.5782

Harmonies

Analogous

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



18.9246, 30.5084, 7.0576



18.9240, 19.7976, 12.0075



18.9246, 4.8822, 13.2472

Triad

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



18.9246, 19.7958, 12.0078



18.9246, -20.2293, 5.5963



18.9246, 7.4541, -40.6573

Complementary

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



18.9240, 19.7976, 12.0075



22.7080, -5.3096, -16.9210

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.



18.9246, -6.2607, -42.2139



18.9240, 19.7976, 12.0075



18.9246, -19.8986, -8.0123

Square

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



18.9246, 19.7958, 12.0078



18.9246, -16.5732, 11.3908



18.9246, -15.4925, -27.6330



18.9246, 22.1258, -24.2291

Rectangle

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



18.9240, 19.7976, 12.0075



18.9246, -4.3035, 13.2472



18.9246, -15.4925, -27.6330



18.9246, 2.5237, -43.2099

Sweetspot

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



18.9246, 19.7958, 12.0078



38.1482, 4.7338, 8.8148



17.5671, 32.5511, -7.7728



18.2600, 2.6682, 4.5462



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.



18.9246, 19.7958, 12.0078



24.4503, 26.8655, 15.5365



28.7636, -0.9636, 17.7071



16.4336, -0.2066, 1.6655



21.4528, 23.0294, 13.6223



48.1577, 57.2886, 30.6775

Inverse Universe

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



22.7080, -5.3096, -16.9210



29.4390, -6.5034, -22.7571



11.8073, 17.1126, -51.6992



16.6597, -1.5065, 0.1134



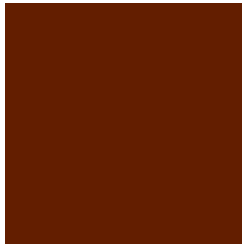
25.7892, -5.8583, -19.5880



58.2497, -11.5005, -47.9808

Previews

White Background



This preview shows how the HunterLab color 18.9240, 19.7976, 12.0075 looks on a white background.

Color Contrast Check

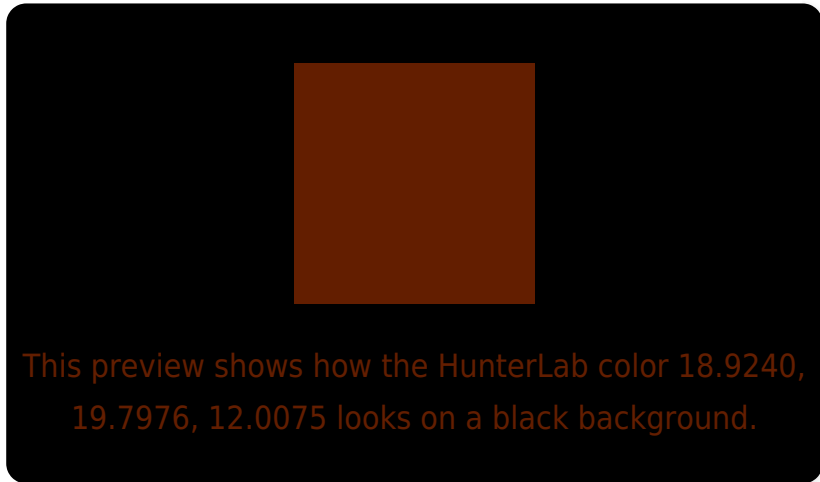
Large Text (above 18pt) WCAG AA ✓ Pass

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

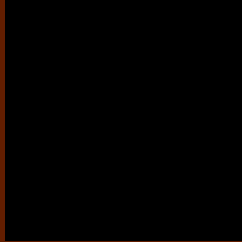
Any Text WCAG AA × Fail

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 18.9240, 19.7976, 12.0075 Background



This preview shows how black text looks on a background with the HunterLab color 18.9240, 19.7976, 12.0075.



This preview shows how white text looks on a background with the HunterLab color 18.9240, 19.7976, 12.0075.

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

18.9240, 19.7976, 12.0075

Protanopia

19.4439, -2.6929, 10.9687

Deuteranopia

19.2904, 0.3147, 11.8922



Tritanopia

18.8994, 21.5415, 8.3762

Trichromacy



Original Color

18.9240, 19.7976, 12.0075

Protanomaly

18.6150, 4.9839, 10.9175

Deuteranomaly

18.7266, 7.3479, 11.6679

Tritanomaly

18.9078, 20.6671, 10.2182

Monochromacy



Original Color

18.9240, 19.7976, 12.0075

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.8460, 5.2114, 6.1486

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9240, 19.7976, 12.0075 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(99, 30, 0)` looks like.

```
.text, #text, p{  
    color:rgb(99, 30, 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(99, 30, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 30, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9240, 19.7976, 12.0075 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(99, 30, 0) }
```


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

```
.border{ border-color:rgb(99, 30, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 30, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 30, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 30, 0); box-shadow:4px  
4px 4px 4px rgb(99, 30, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.9240, 19.7976, 12.0075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 30, 0) }
```

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

```
.background{ background-color: rgb(99, 30,  
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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