

Converting Colors

HunterLab(29.7954, 12.0253,
18.5703)

Have a look what the booklet for
HunterLab(29.7954, 12.0253,
18.5703) contains.

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Color

**HunterLab(29.7766, 12.0977,
18.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4700
RGB	125, 71, 0
RGB Percent	49%, 28%, 0%
CMY	0.5098, 0.7216, 1.0000
CMYK	0.00, 0.43, 1.00, 0.51
HSL	34°, 100%, 25%
HSV	34°, 100%, 49%
XYZ	10.7107, 8.8665, 1.1469
YIQ	79.0520, 54.9750, -10.6330

Conversions

Conversions Part 2

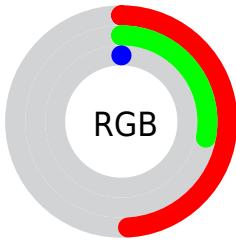
Format	Color
RYB	95, 125, 0
Decimal	8210176
CIELab	35.73, 18.55, 45.34
CIElCh	36, 48.988, 67.752
Yxy	8.8669, 0.5168, 0.4278
Android (android.graphics.Color)	4286400256 (0xFF7D4700)
YUV	79.0520, -38.9726, 40.2964
Hunter-Lab	29.7766, 12.0977, 18.5600

Details

The HunterLab color **29.7766, 12.0977, 18.5600** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **20.2949, 8.6430, -44.0241**, and the grayscale version is **28.1036, -1.4995, 1.5269**.

A 20% lighter version of the original color is **48.7414, 13.1695, 26.1677**, and **14.4428, 10.7853, 9.0884** is the 20% darker color. If you saturate the color by 10%, you get **29.7771, 12.0962, 18.5603**, and if you desaturate by 10%, it is **31.0039, 9.8754, 18.5809**.

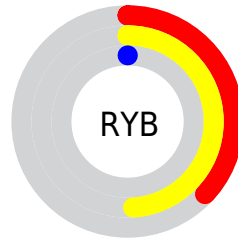
Distribution



Red (49%)

Green (28%)

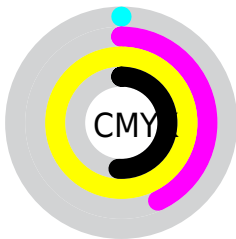
Blue (0%)



Red (37%)

Yellow (49%)

Blue (0%)

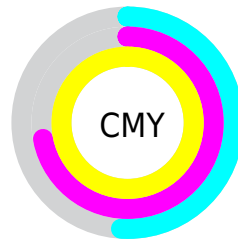


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7766, 12.0977, 18.5600 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 29.7766, 12.0977, 18.5600 by changing the saturation by 10% instead.

■ 29.7766, 12.0977,
18.5600

■ 29.7766, 12.0977,
18.5600

■ 135.0489, 14.2970,
47.4341

■ 21.5743, 11.3798,
15.1020

■ 48.6223, 13.1586,
26.0605

■ 14.3038, 10.5102,
10.0127

■ 59.1371, 13.5387,
29.4857

■ 7.9624, 10.1417,
5.5737

■ 70.3165, 13.8341,
32.7467

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.1233, 14.0535,
35.8732

0.0000, NaN, NaN

■ 94.5255, 14.2042,
38.8884


0.0000, NaN, NaN


■ 107.4960, 14.2918,


0.0000, NaN, NaN


41.8110


0.0000, NaN, NaN

 121.0108, 14.3214,
44.6556

 29.7766, 12.0977,
18.5600


 29.7766, 12.0977,
18.5600

 29.7771, 12.0962,
18.5603

 31.0039, 9.8754,
18.5809

 32.3034, 7.7629,
18.3528

 33.6838, 5.8312,
17.7038

 35.1417, 4.0914,
16.6341

 36.6730, 2.5469,
15.1568

■ 38.2735, 1.1957,
13.2924

■ 39.9391, 0.0324,
11.0650

■ 41.6656, -0.9511,
8.5002

■ 43.4490, -1.7640,
5.6235

Harmonies

Analogous

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



29.7774, 29.5781, 15.2240



29.7766, 12.0977, 18.5600



29.7774, -5.9501, 19.0265

Triad

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



29.7774, 12.0958, 18.5603



29.7774, -27.9242, -2.9761



29.7774, 21.6627, -35.8786

Complementary

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



29.7766, 12.0977, 18.5600



20.2949, 8.6430, -44.0241

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.



29.7774, 3.0354, -49.9503



29.7766, 12.0977, 18.5600



29.7774, -23.6108, -25.0267

Square

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



29.7774, 12.0958, 18.5603



29.7774, -26.5686, 11.2933



29.7774, -13.1789, -45.1301



29.7774, 35.9232, -13.0404

Rectangle

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



29.7766, 12.0977, 18.5600



29.7774, -15.5640, 18.2354



29.7774, -13.1789, -45.1301



29.7774, 15.5559, -42.2487

Sweetspot

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



29.7774, 12.0958, 18.5603



53.2814, 0.1484, 15.0397



21.5126, 38.0857, 4.2469



25.0422, 0.3159, 7.6818



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



29.7774, 12.0958, 18.5603



39.4767, 16.9786, 24.6226



42.9255, -14.3036, 26.2000



21.7207, -0.9104, 2.6676



30.3976, 12.4073, 18.9481

0.0000, NaN, NaN

Inverse Universe

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



20.2949, 8.6430, -44.0241



26.6354, 12.6990, -60.7055



12.3875, 33.1653, -84.6490



21.1978, -1.3106, -0.4236

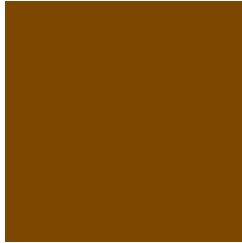


20.7004, 8.9011, -45.0886

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 29.7766, 12.0977, 18.5600 looks on a white background.

Color Contrast Check

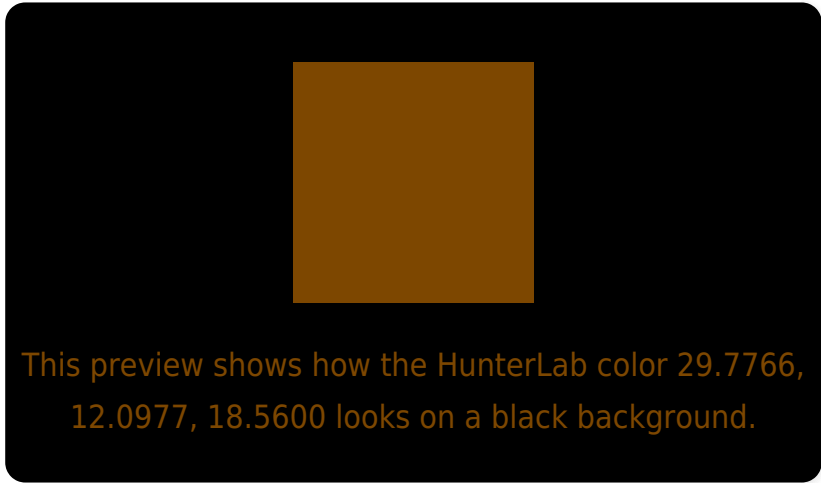
Large Text (above 18pt) WCAG AA ✓ Pass

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

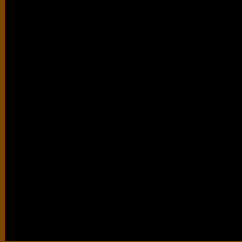
Any Text WCAG AA × Fail

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 29.7766, 12.0977, 18.5600 Background



This preview shows how black text looks on a background with the HunterLab color 29.7766, 12.0977, 18.5600.



This preview shows how white text looks on a background with the HunterLab color 29.7766, 12.0977,

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

29.7766, 12.0977, 18.5600

Protanopia

30.0095, -4.1754, 17.8513

Deuteranopia

29.7710, 1.4554, 18.3702



Tritanopia

29.7714, 18.8765, 6.8037

Trichromacy



Original Color

29.7766, 12.0977, 18.5600

Protanomaly

29.7931, 1.5740, 18.0430

Deuteranomaly

29.8080, 5.2839, 18.4600

Tritanomaly

29.5962, 15.4241, 13.5336

Monochromacy



Original Color

29.7766, 12.0977, 18.5600

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.0820, 1.6062, 10.9610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7766, 12.0977, 18.5600 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(125, 71, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 71, 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(125, 71, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 71, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7766, 12.0977, 18.5600 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(125, 71, 0) }
```


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

```
.border{ border-color:rgb(125, 71, 0) }
```

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

Here you see how a box with a 4 pixel rgb(125, 71, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 71, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 71, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 71, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7766, 12.0977, 18.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 71, 0) }
```

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

```
.background{ background-color: rgb(125, 71,  
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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