

Converting Colors

HunterLab(12.4643, 11.6139,
7.8838)

Have a look what the booklet for
HunterLab(12.4643, 11.6139,
7.8838) contains.

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Color

**HunterLab(12.4729, 11.7636,
7.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	401300
RGB	64, 19, 0
RGB Percent	25%, 7%, 0%
CMY	0.7490, 0.9255, 1.0000
CMYK	0.00, 0.70, 1.00, 0.75
HSL	18°, 100%, 13%
HSV	18°, 100%, 25%
XYZ	2.3472, 1.5557, 0.1766
YIQ	30.2890, 32.9190, 3.6310

Conversions

Conversions Part 2

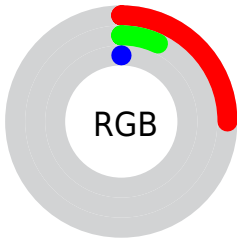
Format	Color
RYB	64, 27, 0
Decimal	4199168
CIELab	12.96, 20.78, 19.82
CIELCh	13, 28.717, 43.635
Yxy	1.5558, 0.5754, 0.3814
Android (android.graphics.Color)	4282389248 (0xFF401300)
YUV	30.2890, -14.9325, 29.5645
Hunter-Lab	12.4729, 11.7636, 7.8917

Details

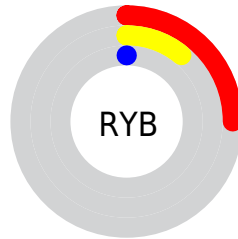
The HunterLab color **12.4729, 11.7636, 7.8917** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **14.9890, -4.0368, -10.0207**, and the grayscale version is **11.5223, -0.6148, 0.6260**.

A 20% lighter version of the original color is **27.5409, 13.6926, 11.4207**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.4732, 11.7625, 7.8919**, and if you desaturate by 10%, it is **13.1793, 10.3337, 7.4752**.

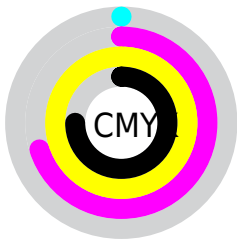
Distribution



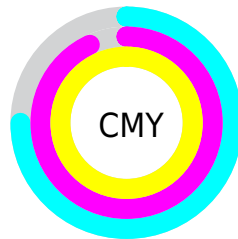
- Red (25%)
- Green (7%)
- Blue (0%)



- Red (25%)
- Yellow (11%)
- Blue (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (100%)
- Black (75%)



- Cyan (75%)
- Magenta (93%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4729, 11.7636, 7.8917 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 12.4729, 11.7636, 7.8917 by changing the saturation by 10% instead.

■ 12.4729, 11.7636,
7.8917

■ 12.4729, 11.7636,
7.8917

■ 103.8501, 16.7584,
23.2683

■ 5.7231, 15.5188,
4.0062

■ 27.4193, 13.6784,
11.2614

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2355, 14.4151,
13.1594

0.0000, NaN, NaN

■ 45.8349, 15.0314,
14.9613

0.0000, NaN, NaN

■ 56.1581, 15.5432,
16.6959

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.1576, 15.9629,
18.3824


0.0000, NaN, NaN


■ 78.7941, 16.3002,


0.0000, NaN, NaN


20.0340


 91.0344, 16.5632,
21.6603


 12.4729, 11.7636,
7.8917


 12.4729, 11.7636,
7.8917


 12.4732, 11.7625,
7.8919

 13.1793, 10.3337,
7.4752

 13.9612, 8.8230,
7.1688

 14.8255, 7.3309,
6.7639

 15.7671, 5.8947,
6.2314

 16.7781, 4.5278,
5.5889

■ 17.8510, 3.2359,
4.8529

■ 18.9794, 2.0196,
4.0378

■ 20.1573, 0.8766,
3.1558

■ 21.3799, -0.1976,
2.2172

Harmonies

Analogous

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



12.4733, 16.9379, 3.5303



12.4729, 11.7636, 7.8917



12.4733, 3.7215, 8.7313

Triad

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



12.4733, 11.7625, 7.8919



12.4733, -11.9408, 3.9935



12.4733, 2.9671, -21.7768

Complementary

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



12.4729, 11.7636, 7.8917



14.9890, -4.0368, -10.0207

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.



12.4733, -4.5204, -21.3625



12.4729, 11.7636, 7.8917



12.4733, -12.0644, -3.0607

Square

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



12.4733, 11.7625, 7.8919



12.4733, -9.2297, 8.2133



12.4733, -9.5746, -13.2177



12.4733, 11.0976, -14.1435

Rectangle

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



12.4729, 11.7636, 7.8917



12.4733, -1.5789, 8.7313



12.4733, -9.5746, -13.2177



12.4733, 0.2735, -22.6692

Sweetspot

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



12.4733, 11.7625, 7.8919



24.7991, 2.8712, 5.4698



11.3410, 21.1518, -6.0824



12.8736, 1.6568, 2.9756



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.4733, 11.7625, 7.8919



16.0823, 16.4405, 10.1976



18.3918, -0.5398, 11.3235



11.7867, -0.1893, 1.1364



18.4485, 19.5076, 11.7094



44.5888, 53.4754, 28.4116

Inverse Universe

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



14.9890, -4.0368, -10.0207



19.4610, -4.9025, -13.7415



8.2503, 8.9429, -29.6171



11.9422, -1.0459, 0.1421



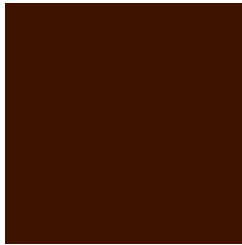
22.3853, -5.4609, -16.1911



54.5704, -11.4441, -43.5037

Previews

White Background



This preview shows how the HunterLab color 12.4729, 11.7636, 7.8917 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

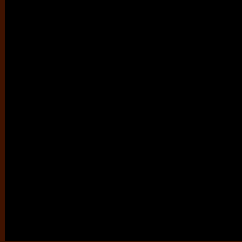
Any Text WCAG AA × Fail

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 12.4729, 11.7636, 7.8917 Background



This preview shows how black text looks on a background with the HunterLab color 12.4729, 11.7636, 7.8917.

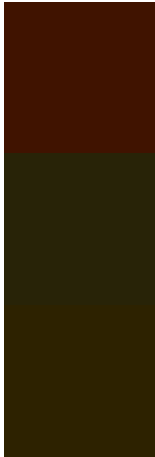


This preview shows how white text looks on a background with the HunterLab color 12.4729, 11.7636, 7.8917.

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

12.4729, 11.7636, 7.8917

Protanopia

12.9171, -1.6769, 7.0075

Deuteranopia

13.0459, -0.1964, 8.0354



Tritanopia

12.5151, 12.8975, 5.2264

Trichromacy



Original Color

12.4729, 11.7636, 7.8917

Protanomaly

12.4115, 3.1301, 7.1540

Deuteranomaly

12.6838, 3.9164, 7.8843

Tritanomaly

12.4369, 12.5531, 6.3740

Monochromacy



Original Color

12.4729, 11.7636, 7.8917

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.3051, 2.9810, 3.7872

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4729, 11.7636, 7.8917 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(64, 19, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 19, 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(64, 19, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 19, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4729, 11.7636, 7.8917 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(64, 19, 0) }
```


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

```
.border{ border-color:rgb(64, 19, 0) }
```

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

Here you see how a box with a 4 pixel rgb(64, 19, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 19, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 19, 0); box-shadow:4px  
4px 4px 4px rgb(64, 19, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4729, 11.7636, 7.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 19, 0) }
```

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

```
.background{ background-color: rgb(64, 19,  
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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