

Converting Colors

HunterLab(12.4299, 18.2680,
7.0202)

Have a look what the booklet for
HunterLab(12.4299, 18.2680,
7.0202) contains.

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Color

**HunterLab(12.4299, 18.2680,
7.0202)**

Conversions

Conversions Part 1

Format	Color
Hex	480707
RGB	72, 7, 7
RGB Percent	28%, 3%, 3%
CMY	0.7176, 0.9725, 0.9725
CMYK	0.00, 0.90, 0.90, 0.72
HSL	0°, 82%, 15%
HSV	0°, 90%, 28%
XYZ	2.7868, 1.5450, 0.3524
YIQ	26.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

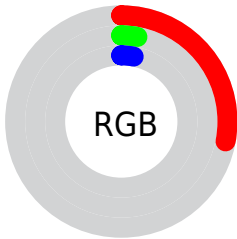
Format	Color
R_YB	72, 7, 7
Decimal	4720391
CIE Lab	12.89, 29.65, 17.19
CIE LCh	13, 34.268, 30.104
Yxy	1.5451, 0.5949, 0.3298
Android (android.graphics.Color)	4282910471 (0xFF480707)
YUV	26.4350, -9.5815, 39.9605
Hunter-Lab	12.4299, 18.2680, 7.0202

Details

The HunterLab color **12.4299, 18.2680, 7.0202** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.6874, -11.5803, -2.2450**, and the grayscale version is **10.3170, -0.5505, 0.5605**.

A 20% lighter version of the original color is **27.2695, 20.9531, 10.1065**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7381, 20.0994, 7.5848**, and if you desaturate by 10%, it is **13.1513, 16.5215, 6.4877**.

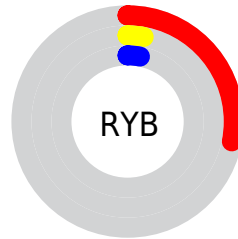
Distribution



Red (28%)

Green (3%)

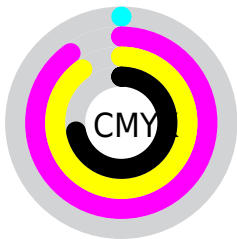
Blue (3%)



Red (28%)

Yellow (3%)

Blue (3%)

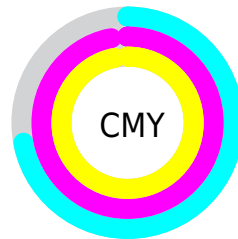


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (72%)



Cyan (72%)


Magenta (97%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.4299, 18.2680, 7.0202 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 12.4299, 18.2680, 7.0202 by changing the saturation by 10% instead.

 12.4299, 18.2680,
7.0202

 12.4299, 18.2680,
7.0202


 103.7630, 26.8110,
21.1245

 5.6584, 22.9715,
3.9609


 27.3634, 21.0157,
10.2413

0.0000, NaN, NaN


0.0000, NaN, NaN

 36.1741, 22.1792,
11.9338

0.0000, NaN, NaN


 45.7685, 23.2109,
13.5511

0.0000, NaN, NaN

 56.0871, 24.1242,
15.1173

0.0000, NaN, NaN

0.0000, NaN, NaN


 67.0822, 24.9311,
16.6482


0.0000, NaN, NaN


 78.7146, 25.6423,


0.0000, NaN, NaN


18.1549


 90.9510, 26.2664,
19.6450


 12.4299, 18.2680,
7.0202

 12.4299, 18.2680,
7.0202


 11.7381, 20.0994,
7.5848

 13.1513, 16.5215,
6.4877

 14.0878, 14.4633,
5.8656

 15.2443, 12.1863,
5.1859

 16.5944, 9.8216,
4.4908

 18.1109, 7.4584,
3.8083

■ 19.7693, 5.1482,
3.1536

■ 21.5482, 2.9149,
2.5334

■ 23.4301, 0.7656,
1.9488

■ 25.4007, -1.3021,
1.3979

Harmonies

Analogous

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



12.4303, 21.9746, 0.7065



12.4299, 18.2680, 7.0202



12.4303, 9.2577, 8.7012

Triad

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



12.4303, 18.2666, 7.0204



12.4303, -12.6871, 6.9846



12.4303, -0.6324, -29.8885

Complementary

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



12.4299, 18.2680, 7.0202



22.6874, -11.5803, -2.2450

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.



12.4303, -8.2054, -23.9443



12.4299, 18.2680, 7.0202



12.4303, -14.2856, 0.6466

Square

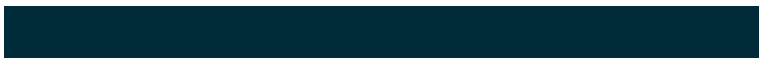
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.4303, 18.2666, 7.0204



12.4303, -8.2460, 8.7012



12.4303, -12.6653, -10.8252



12.4303, 9.3283, -23.8680

Rectangle

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



12.4299, 18.2680, 7.0202



12.4303, 2.4718, 8.7012



12.4303, -12.6653, -10.8252



12.4303, -3.5166, -29.1907

Sweetspot

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



12.4303, 18.2666, 7.0204



26.5848, 6.1371, 3.9774



14.1335, 24.7510, -16.5767



13.5413, 3.4102, 2.1212



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



12.4303, 18.2666, 7.0204



15.4867, 26.5190, 10.0071



16.9622, 6.6522, 9.8658



12.3075, 0.2117, 0.9598



16.3653, 28.0236, 10.5748



40.4019, 69.1872, 26.1067

Inverse Universe

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



22.6874, -11.5803, -2.2450



29.8011, -15.7978, -3.1459



14.1321, 0.5226, -17.0043



12.9552, -1.5162, 0.4273



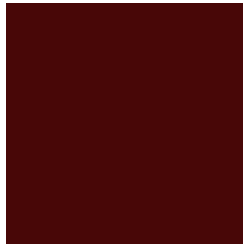
31.4918, -16.6941, -3.3244



77.7466, -41.2138, -8.2077

Previews

White Background



This preview shows how the HunterLab color 12.4299, 18.2680, 7.0202 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

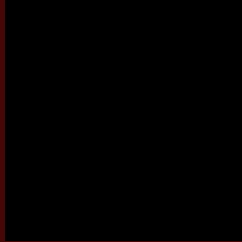
Any Text WCAG AA × Fail

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 12.4299, 18.2680, 7.0202 Background



This preview shows how black text looks on a background with the HunterLab color 12.4299, 18.2680, 7.0202.

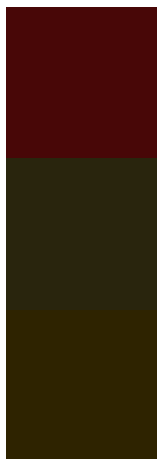


This preview shows how white text looks on a background with the HunterLab color 12.4299, 18.2680,

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

12.4299, 18.2680, 7.0202

Protanopia

13.5041, -1.8398, 6.6172

Deuteranopia

13.3525, -0.2701, 8.2231



Tritanopia

12.4034, 18.1632, 7.4118

Trichromacy



Original Color

12.4299, 18.2680, 7.0202

Protanomaly

12.2189, 5.5839, 6.0907

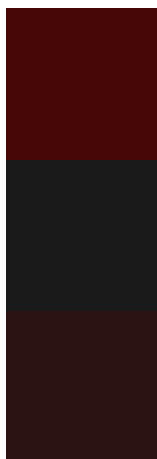
Deuteranomaly

12.3047, 6.6040, 7.2826

Tritanomaly

12.4122, 18.1982, 7.2811

Monochromacy



Original Color

12.4299, 18.2680, 7.0202

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.1309, 5.9985, 2.7420

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4299, 18.2680, 7.0202 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(72, 7, 7)` looks like.

```
.text, #text, p{  
    color:rgb(72, 7, 7)  
}
```

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(72, 7, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 7, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4299, 18.2680, 7.0202 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(72, 7, 7) }
```


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

```
.border{ border-color:rgb(72, 7, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 7, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 7, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 7, 7); box-shadow:4px  
4px 4px 4px rgb(72, 7, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4299, 18.2680, 7.0202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 7, 7) }
```

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

```
.background{ background-color: rgb(72, 7,  
7) }
```

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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