

Converting Colors

HunterLab(12.5008, 7.5983,
8.7506)

Have a look what the booklet for
HunterLab(12.5008, 7.5983, 8.7506)
contains.

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Color

**HunterLab(12.4612, 7.8669,
7.8162)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1800
RGB	58, 24, 0
RGB Percent	23%, 9%, 0%
CMY	0.7726, 0.9059, 1.0000
CMYK	0.00, 0.59, 1.00, 0.77
HSL	25°, 100%, 11%
HSV	25°, 100%, 23%
XYZ	2.0716, 1.5528, 0.1906
YIQ	31.4300, 27.9680, -0.2560

Conversions

Conversions Part 2

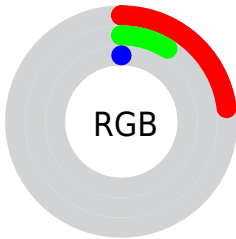
Format	Color
R_{YB}	58, 41, 0
Decimal	3807232
CIE _{Lab}	12.94, 14.92, 19.59
CIE _{LCh}	13, 24.623, 52.694
Yxy	1.5529, 0.5430, 0.4070
Android (android.graphics.Color)	4281997312 (0xFF3A1800)
YUV	31.4300, -15.4950, 23.3019
Hunter-Lab	12.4612, 7.8669, 7.8162

Details

The HunterLab color **12.4612, 7.8669, 7.8162** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **12.0393, -1.2650, -12.3170**, and the grayscale version is **11.8810, -0.6339, 0.6455**.

A 20% lighter version of the original color is **27.4365, 9.0076, 11.2524**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.4615, 7.8661, 7.8164**, and if you desaturate by 10%, it is **13.0946, 6.7728, 7.4332**.

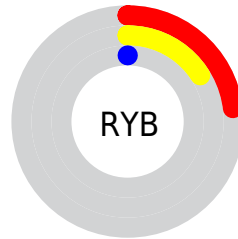
Distribution



Red (23%)

Green (9%)

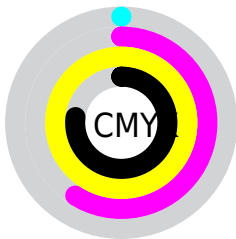
Blue (0%)



Red (23%)

Yellow (16%)

Blue (0%)

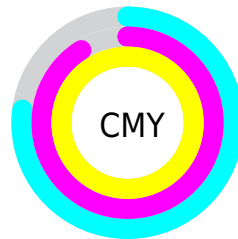


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4612, 7.8669, 7.8162 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 12.4612, 7.8669, 7.8162 by changing the saturation by 10% instead.

12.4612, 7.8669,
7.8162

12.4612, 7.8669,
7.8162

103.8264, 10.2888,
23.0801

5.7055, 11.0924,
3.9939

27.4041, 9.1179,
11.1724

0.0000, NaN, NaN

0.0000, NaN, NaN

36.2188, 9.5423,
13.0523

0.0000, NaN, NaN

45.8168, 9.8618,
14.8379

0.0000, NaN, NaN

56.1387, 10.0907,
16.5577

0.0000, NaN, NaN

0.0000, NaN, NaN


67.1371, 10.2403,
18.2304


0.0000, NaN, NaN


78.7724, 10.3188,


0.0000, NaN, NaN


19.8692


 91.0117, 10.3332,
21.4834


 12.4612, 7.8669,
7.8162

 12.4612, 7.8669,
7.8162

 12.4615, 7.8661,
7.8164

 13.0946, 6.7728,
7.4332

 13.7651, 5.6547,
7.1373

 14.4806, 4.5767,
6.7638

 15.2417, 3.5660,
6.2598

 16.0443, 2.6249,
5.6367

■ 16.8852, 1.7531,
4.9061

■ 17.7609, 0.9486,
4.0792

■ 18.6687, 0.2079,
3.1661

■ 19.6057, -0.4727,
2.1761

Harmonies

Analogous

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



12.4615, 13.1156, 4.4616



12.4612, 7.8669, 7.8162



12.4615, 0.9667, 8.7231

Triad

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



12.4615, 7.8660, 7.8163



12.4615, -10.8436, 2.0997



12.4615, 4.5418, -16.0703

Complementary

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



12.4612, 7.8669, 7.8162



12.0393, -1.2650, -12.3170

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.



12.4615, -2.2180, -17.8597



12.4612, 7.8669, 7.8162



12.4615, -10.2469, -4.8469

Square

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



12.4615, 7.8660, 7.8163



12.4615, -9.1421, 6.2655



12.4615, -7.3817, -12.9994



12.4615, 10.9379, -8.9135

Rectangle

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



12.4612, 7.8669, 7.8162



12.4615, -3.2992, 8.7231



12.4615, -7.3817, -12.9994



12.4615, 2.2067, -17.4307

Sweetspot

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



12.4615, 7.8660, 7.8163



23.1936, 1.3996, 5.5357



10.0981, 18.4828, -2.6991



11.9265, 0.7899, 2.9356



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



12.4615, 7.8660, 7.8163



16.0367, 11.2020, 10.0778



18.3668, -3.1625, 11.2621



10.3717, -0.3064, 1.0486



19.1065, 14.0833, 12.0199



47.4832, 41.0479, 29.9775

Inverse Universe

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



12.0393, -1.2650, -12.3170



15.4711, -1.0645, -17.0395



6.5682, 10.9719, -31.8945



10.3570, -0.7769, 0.0612



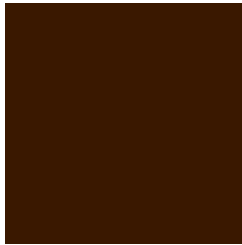
18.4118, -0.8733, -21.1279



45.5103, 1.2188, -59.5150

Previews

White Background



This preview shows how the HunterLab color 12.4612, 7.8669, 7.8162 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

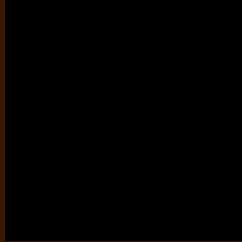
Any Text WCAG AA × Fail

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 12.4612, 7.8669, 7.8162 Background



This preview shows how black text looks on a background with the HunterLab color 12.4612, 7.8669, 7.8162.

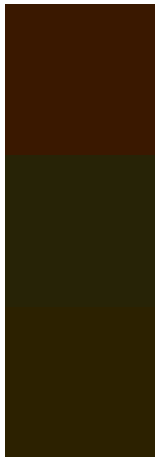


This preview shows how white text looks on a background with the HunterLab color 12.4612, 7.8669,

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

12.4612, 7.8669, 7.8162

Protanopia

12.8318, -1.9984, 7.0758

Deuteranopia

12.7404, -0.1232, 7.8484



Tritanopia

12.5283, 10.2102, 3.8090

Trichromacy



Original Color

12.4612, 7.8669, 7.8162

Protanomaly

12.5283, 1.4221, 7.2012

Deuteranomaly

12.5758, 2.5605, 7.7940

Tritanomaly

12.5582, 9.2402, 5.7664

Monochromacy



Original Color

12.4612, 7.8669, 7.8162

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.6294, 1.9963, 3.8268

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4612, 7.8669, 7.8162 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(58, 24, 0)` looks like.

```
.text, #text, p{  
    color:rgb(58, 24, 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(58, 24, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 24, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4612, 7.8669, 7.8162 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(58, 24, 0) }
```


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

```
.border{ border-color:rgb(58, 24, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 24, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 24, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 24, 0); box-shadow:4px  
4px 4px 4px rgb(58, 24, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4612, 7.8669, 7.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 24, 0) }
```

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

```
.background{ background-color: rgb(58, 24,  
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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