

Converting Colors

HunterLab(12.0918, 17.3062,
7.7539)

Have a look what the booklet for
HunterLab(12.0918, 17.3062,
7.7539) contains.

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Color

**HunterLab(12.0584, 17.4117,
7.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	460700
RGB	70, 7, 0
RGB Percent	27%, 3%, 0%
CMY	0.7255, 0.9725, 1.0000
CMYK	0.00, 0.90, 1.00, 0.73
HSL	6°, 100%, 14%
HSV	6°, 100%, 27%
XYZ	2.6018, 1.4541, 0.1435
YIQ	25.0390, 39.7950, 11.1790

Conversions

Conversions Part 2

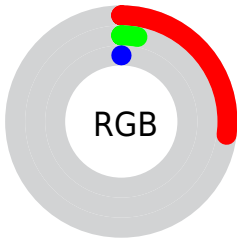
Format	Color
R_{YB}	70, 8, 0
Decimal	4589312
CIE _{Lab}	12.31, 28.65, 19.18
CIE _{LCh}	12, 34.474, 33.798
Yxy	1.4541, 0.6195, 0.3463
Android (android.graphics.Color)	4282779392 (0xFF460700)
YUV	25.0390, -12.3442, 39.4308
Hunter-Lab	12.0584, 17.4117, 7.7351

Details

The HunterLab color **12.0584, 17.4117, 7.7351** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **19.9918, -9.2466, -5.0273**, and the grayscale version is **9.8999, -0.5282, 0.5379**.

A 20% lighter version of the original color is **26.9157, 19.8501, 11.0088**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0587, 17.4104, 7.7353**, and if you desaturate by 10%, it is **12.7008, 15.8881, 7.1659**.

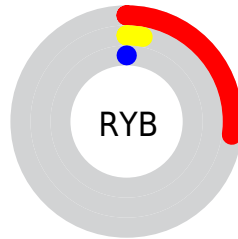
Distribution



Red (27%)

Green (3%)

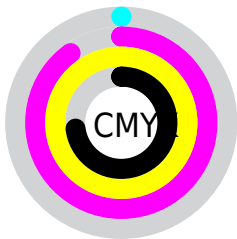
Blue (0%)



Red (27%)

Yellow (3%)

Blue (0%)

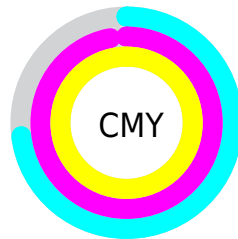


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (73%)



Cyan (73%)


Magenta (97%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.0584, 17.4117, 7.7351 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 12.0584, 17.4117, 7.7351 by changing the saturation by 10% instead.

 12.0584, 17.4117,
7.7351

 12.0584, 17.4117,
7.7351


 103.0065, 25.6357,
22.6532

 5.0608, 24.5408,
3.5426


 26.8792, 20.0926,
10.9002

0.0000, NaN, NaN

0.0000, NaN, NaN

 35.6424, 21.2192,
12.7548

0.0000, NaN, NaN


 45.1932, 22.2136,
14.5162

0.0000, NaN, NaN

 55.4712, 23.0899,
16.2130

0.0000, NaN, NaN

0.0000, NaN, NaN


 66.4284, 23.8604,
17.8638


0.0000, NaN, NaN


 78.0248, 24.5359,


0.0000, NaN, NaN


19.4816


 90.2271, 25.1252,
21.0758


 12.0584, 17.4117,
7.7351


 12.0584, 17.4117,
7.7351


 12.0587, 17.4104,
7.7353

 12.7008, 15.8881,
7.1659

 13.4916, 14.0735,
6.7340

 14.4594, 12.0813,
6.2121

 15.5882, 10.0208,
5.6021

 16.8583, 7.9640,
4.9349

■ 18.2509, 5.9553,
4.2342

■ 19.7494, 4.0178,
3.5163

■ 21.3394, 2.1600,
2.7917

■ 23.0089, 0.3822,
2.0667

Harmonies

Analogous

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



12.0588, 21.9896, 1.6985



12.0584, 17.4117, 7.7351



12.0588, 8.0057, 8.4411

Triad

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



12.0588, 17.4103, 7.7353



12.0588, -13.1011, 6.3758



12.0588, 0.5259, -30.1200

Complementary

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



12.0584, 17.4117, 7.7351



19.9918, -9.2466, -5.0273

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.



12.0588, -7.3842, -25.4985



12.0584, 17.4117, 7.7351



12.0588, -14.3539, -0.4879

Square

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



12.0588, 17.4103, 7.7353



12.0588, -8.8534, 8.4411



12.0588, -12.2760, -12.5939



12.0588, 10.5950, -22.6658

Rectangle

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



12.0584, 17.4117, 7.7351



12.0588, 1.2868, 8.4411



12.0588, -12.2760, -12.5939



12.0588, -2.4606, -29.9450

Sweetspot

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



12.0588, 17.4103, 7.7353



25.7960, 5.6101, 4.7558



12.8879, 24.8552, -13.2575



12.8476, 3.0729, 2.4929



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.0588, 17.4103, 7.7353



15.6985, 23.6197, 10.0868



17.1989, 4.7090, 10.6803



12.3861, 0.0760, 1.0479



17.0120, 25.8702, 10.9356



41.1388, 66.6952, 26.5172

Inverse Universe

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



19.9918, -9.2466, -5.0273



26.2620, -12.0631, -6.7844



11.2815, 4.3194, -23.4249



12.8726, -1.3839, 0.3305



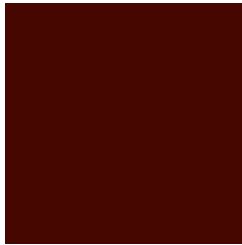
28.5265, -13.0795, -7.4207



69.8884, -31.6134, -19.1102

Previews

White Background



This preview shows how the HunterLab color 12.0584, 17.4117, 7.7351 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

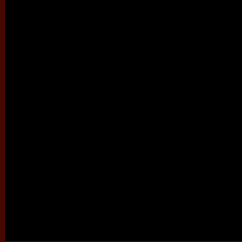
Any Text WCAG AA × Fail

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 12.0584, 17.4117, 7.7351 Background



This preview shows how black text looks on a background with the HunterLab color 12.0584, 17.4117, 7.7351.

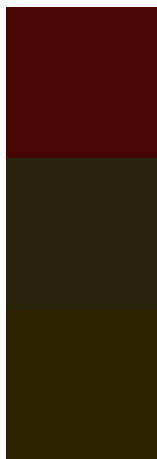


This preview shows how white text looks on a background with the HunterLab color 12.0584, 17.4117,

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

12.0584, 17.4117, 7.7351

Protanopia

13.1628, -1.9441, 6.9127

Deuteranopia

13.0459, -0.1964, 8.0354



Tritanopia

12.0947, 17.5560, 7.1970

Trichromacy



Original Color

12.0584, 17.4117, 7.7351

Protanomaly

11.8837, 5.4257, 6.5580

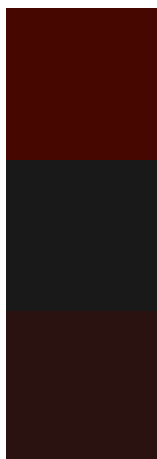
Deuteranomaly

11.9897, 6.5298, 7.5023

Tritanomaly

12.0856, 17.5200, 7.3312

Monochromacy



Original Color

12.0584, 17.4117, 7.7351

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.7028, 5.5430, 3.0804

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0584, 17.4117, 7.7351 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(70, 7, 0)` looks like.

```
.text, #text, p{  
    color:rgb(70, 7, 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(70, 7, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 7, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0584, 17.4117, 7.7351 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(70, 7, 0) }
```


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

```
.border{ border-color:rgb(70, 7, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 7, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 7, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 7, 0); box-shadow:4px  
4px 4px 4px rgb(70, 7, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0584, 17.4117, 7.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 7, 0) }
```

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

```
.background{ background-color: rgb(70, 7,  
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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