

Converting Colors

HunterLab(11.9825, 5.5470,
8.3877)

Have a look what the booklet for
HunterLab(11.9825, 5.5470, 8.3877)
contains.

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Color

**HunterLab(12.0505, 5.8089,
7.5272)**

Conversions

Conversions Part 1

Format	Color
Hex	351900
RGB	53, 25, 0
RGB Percent	21%, 10%, 0%
CMY	0.7922, 0.9020, 1.0000
CMYK	0.00, 0.53, 1.00, 0.79
HSL	28°, 100%, 10%
HSV	28°, 100%, 21%
XYZ	1.8158, 1.4521, 0.1846
YIQ	30.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

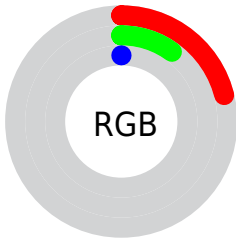
Format	Color
R_{YB}	53, 47, 0
Decimal	3479808
CIE _{Lab}	12.30, 11.68, 18.57
CIE _{LCh}	12, 21.935, 57.834
Yxy	1.4522, 0.5259, 0.4206
Android (android.graphics.Color)	4281669888 (0xFF351900)
YUV	30.5220, -15.0473, 19.7132
Hunter-Lab	12.0505, 5.8089, 7.5272

Details

The HunterLab color **12.0505, 5.8089, 7.5272** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **10.4281, -0.1425, -12.7266**, and the grayscale version is **11.5968, -0.6188, 0.6301**.

A 20% lighter version of the original color is **26.7661, 6.9084, 10.6570**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0508, 5.8081, 7.5273**, and if you desaturate by 10%, it is **12.6080, 4.9457, 7.1399**.

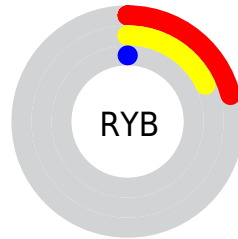
Distribution



Red (21%)

Green (10%)

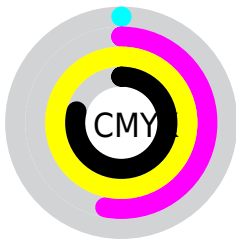
Blue (0%)



Red (21%)

Yellow (18%)

Blue (0%)

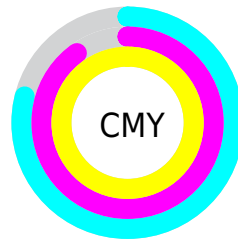


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (79%)



Cyan (79%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0505, 5.8089, 7.5272 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 12.0505, 5.8089, 7.5272 by changing the saturation by 10% instead.

12.0505, 5.8089,
7.5272

12.0505, 5.8089,
7.5272

102.9902, 6.7811,
22.1612

5.0472, 9.8125,
3.5330

26.8688, 6.6740,
10.6703

0.0000, NaN, NaN

0.0000, NaN, NaN

35.6310, 6.9221,
12.4769

0.0000, NaN, NaN

45.1808, 7.0752,
14.1953

0.0000, NaN, NaN

55.4580, 7.1464,
15.8527

0.0000, NaN, NaN

0.0000, NaN, NaN


66.4143, 7.1458,
17.4672


0.0000, NaN, NaN


78.0100, 7.0809,


0.0000, NaN, NaN


19.0512


 90.2115, 6.9577,
20.6137


 12.0505, 5.8089,
7.5272

 12.0505, 5.8089,
7.5272


 12.0508, 5.8081,
7.5273

 12.6080, 4.9457,
7.1399

 13.1887, 4.0690,
6.8287

 13.7990, 3.2243,
6.4698

 14.4421, 2.4418,
5.9892

 15.1156, 1.7220,
5.3950

■ 15.8174, 1.0637,
4.6963

■ 16.5454, 0.4647,
3.9018

■ 17.2977, -0.0778,
3.0200

■ 18.0725, -0.5672,
2.0587

Harmonies

Analogous

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



12.0508, 10.7426, 4.6632



12.0505, 5.8089, 7.5272



12.0508, -0.2239, 8.4356

Triad

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



12.0508, 5.8081, 7.5273



12.0508, -9.8426, 1.0459



12.0508, 4.9503, -12.7989

Complementary

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



12.0505, 5.8089, 7.5272



10.4281, -0.1425, -12.7266

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.



12.0508, -1.0578, -15.2431



12.0505, 5.8089, 7.5272



12.0508, -8.9306, -5.3428

Square

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



12.0508, 5.8081, 7.5273



12.0508, -8.6308, 5.1572



12.0508, -5.9712, -12.0337



12.0508, 10.1858, -6.3730

Rectangle

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



12.0505, 5.8089, 7.5272



12.0508, -3.8388, 8.3229



12.0508, -5.9712, -12.0337



12.0508, 2.9235, -14.2154

Sweetspot

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



12.0508, 5.8081, 7.5273



21.2007, 0.7120, 5.1969



9.1761, 16.6419, -1.2615



11.4250, 0.4332, 2.8823



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



12.0508, 5.8081, 7.5273



15.2274, 8.2038, 9.5267



17.7340, -4.2382, 10.8534



9.6661, -0.3458, 0.9941



19.4921, 11.4517, 12.2114



49.2596, 34.5245, 30.9580

Inverse Universe

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



10.4281, -0.1425, -12.7266



13.0849, 0.4518, -17.3303



5.4350, 12.2232, -33.1796



9.5891, -0.6623, 0.0342



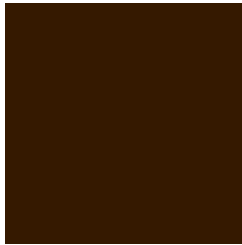
16.6443, 1.2881, -23.5845



41.4063, 7.5755, -68.1076

Previews

White Background



This preview shows how the HunterLab color 12.0505, 5.8089, 7.5272 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

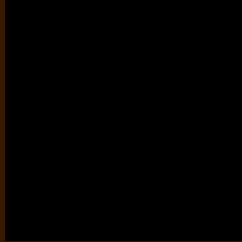
Any Text WCAG AA × Fail

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 12.0505, 5.8089, 7.5272 Background



This preview shows how black text looks on a background with the HunterLab color 12.0505, 5.8089, 7.5272.

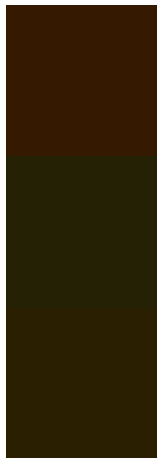


This preview shows how white text looks on a background with the HunterLab color 12.0505, 5.8089,

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

12.0505, 5.8089, 7.5272

Protanopia

12.2147, -1.8783, 6.7968

Deuteranopia

12.1335, 0.0218, 7.4770



Tritanopia

12.1130, 8.3216, 3.1080

Trichromacy



Original Color

12.0505, 5.8089, 7.5272

Protanomaly

12.0362, 0.8403, 7.0070

Deuteranomaly

12.0813, 1.9965, 7.4794

Tritanomaly

12.1447, 7.2820, 5.2178

Monochromacy



Original Color

12.0505, 5.8089, 7.5272

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.6644, 1.0473, 3.8418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0505, 5.8089, 7.5272 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(53, 25, 0)` looks like.

```
.text, #text, p{  
    color:rgb(53, 25, 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(53, 25, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 25, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0505, 5.8089, 7.5272 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(53, 25, 0) }
```


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

```
.border{ border-color:rgb(53, 25, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 25, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 25, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 25, 0); box-shadow:4px  
4px 4px 4px rgb(53, 25, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0505, 5.8089, 7.5272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 25, 0) }
```

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

```
.background{ background-color: rgb(53, 25,  
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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