

Converting Colors

HunterLab(12.5786, 11.0082,
4.5764)

Have a look what the booklet for
HunterLab(12.5786, 11.0082,
4.5764) contains.

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Color

**HunterLab(12.5800, 11.0171,
4.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1515
RGB	61, 21, 21
RGB Percent	24%, 8%, 8%
CMY	0.7608, 0.9176, 0.9176
CMYK	0.00, 0.66, 0.66, 0.76
HSL	0°, 49%, 16%
HSV	0°, 66%, 24%
XYZ	2.3280, 1.5826, 0.8922
YIQ	32.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

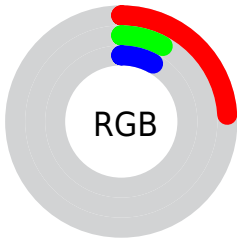
Format	Color
RYB	61, 21, 21
Decimal	4003093
CIELab	13.12, 19.67, 9.87
CIELCh	13, 22.007, 26.635
Yxy	1.5827, 0.4847, 0.3295
Android (android.graphics.Color)	4282193173 (0xFF3D1515)
YUV	32.9600, -5.8963, 24.5911
Hunter-Lab	12.5800, 11.0171, 4.6009

Details

The HunterLab color **12.5800, 11.0171, 4.6009** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **19.5795, -8.5535, -1.4538**, and the grayscale version is **12.3327, -0.6580, 0.6701**.

A 20% lighter version of the original color is **27.4208, 12.8338, 6.9531**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6842, 12.8477, 5.1502**, and if you desaturate by 10%, it is **13.6390, 9.0820, 4.0293**.

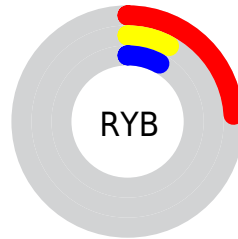
Distribution



 Red (24%)

 Green (8%)

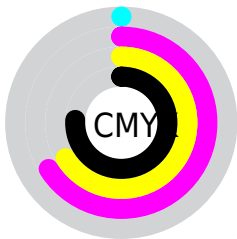
 Blue (8%)



 Red (24%)

 Yellow (8%)

 Blue (8%)

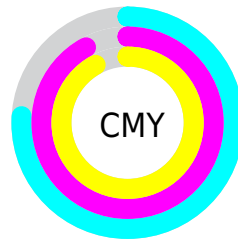


 Cyan (0%)

 Magenta (66%)

 Yellow (66%)

 Black (76%)



 Cyan (76%)

 Magenta (92%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5800, 11.0171, 4.6009 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 12.5800, 11.0171, 4.6009 by changing the saturation by 10% instead.

■ 12.5800, 11.0171,
4.6009

■ 12.5800, 11.0171,
4.6009

■ 104.0669, 15.5214,
14.8881

■ 5.8810, 14.2613,
4.1167

■ 27.5585, 12.8073,
7.0209

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3882, 13.4844,
8.1623

0.0000, NaN, NaN

■ 46.0000, 14.0439,
9.2849

0.0000, NaN, NaN

■ 56.3348, 14.5015,
10.3996

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3451, 14.8693,
11.5134

0.0000, NaN, NaN

■ 78.9918, 15.1570,

0.0000, NaN, NaN

12.6308

■ 91.2419, 15.3723,
13.7550

■ 12.5800, 11.0171,
4.6009

■ 12.5800, 11.0171,
4.6009

■ 11.6842, 12.8477,
5.1502

■ 13.6390, 9.0820,
4.0293

■ 10.9657, 14.4762,
5.6441

■ 14.8390, 7.1268,
3.4606

■ 10.2796, 16.1944,
6.1705

■ 16.1600, 5.2007,
2.9104

■ 9.9607, 17.0562,
6.4364

■ 17.5845, 3.3302,
2.3863

■ 19.0976, 1.5257,
1.8907

■ 20.6869, -0.2119,
1.4230

■ 22.3425, -1.8865,
0.9811

■ 24.0562, -3.5044,
0.5625

■ 25.8215, -5.0725,
0.1643

Harmonies

Analogous

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



12.5803, 12.6089, 0.0417



12.5800, 11.0171, 4.6009



12.5803, 6.1158, 7.4064

Triad

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



12.5803, 11.0161, 4.6011



12.5803, -8.7411, 5.3384



12.5803, -1.3241, -15.3182

Complementary

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



12.5800, 11.0171, 4.6009



19.5795, -8.5535, -1.4538

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.



12.5803, -6.2693, -11.8955



12.5800, 11.0171, 4.6009



12.5803, -10.0308, 1.2956

Square

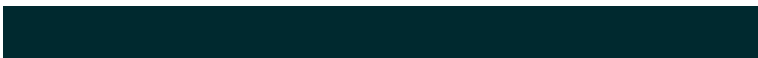
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.5803, 11.0161, 4.6011



12.5803, -5.3189, 7.8321



12.5803, -9.2154, -5.1041



12.5803, 4.7659, -13.0874

Rectangle

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



12.5800, 11.0171, 4.6009



12.5803, 2.0294, 8.4052



12.5803, -9.2154, -5.1041



12.5803, -3.1629, -14.7630

Sweetspot

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



12.5803, 11.0161, 4.6011



23.6807, 3.2084, 2.7857



13.6578, 15.7637, -10.4735



12.4367, 1.8336, 1.5128



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



12.5803, 11.0161, 4.6011



14.4650, 18.1364, 7.1237



16.2238, 2.9954, 7.4567



10.8428, 0.1493, 0.8331



15.4866, 26.5194, 10.0070



39.3779, 67.4341, 25.4450

Inverse Universe

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



19.5795, -8.5535, -1.4538



25.0588, -12.2504, -2.2978



14.4299, -1.1986, -9.2692



11.3863, -1.3006, 0.3863



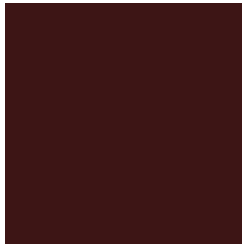
29.8015, -15.7983, -3.1453



75.7774, -40.1707, -7.9982

Previews

White Background



This preview shows how the HunterLab color 12.5800, 11.0171, 4.6009 looks on a white background.

Color Contrast Check

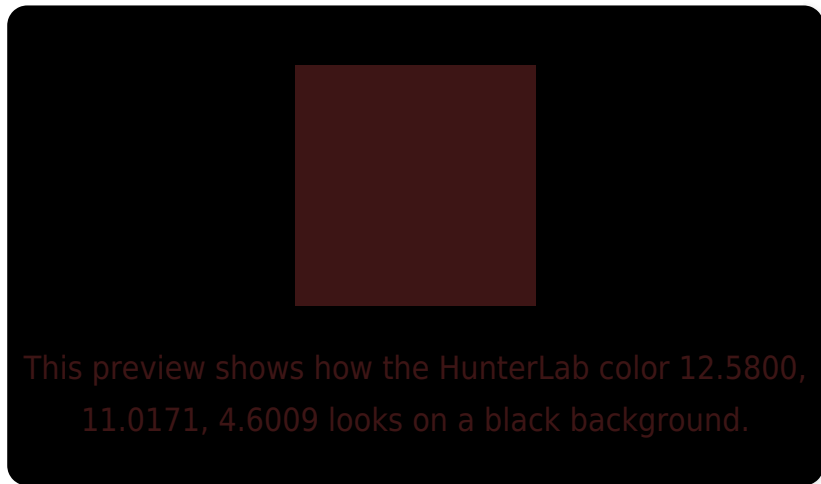
Large Text (above 18pt) WCAG AA ✓ Pass

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

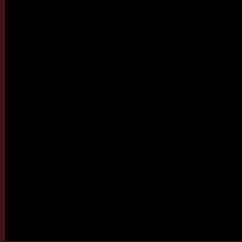
Any Text WCAG AA × Fail

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 12.5800, 11.0171, 4.6009 Background



This preview shows how black text looks on a background with the HunterLab color 12.5800, 11.0171, 4.6009.



This preview shows how white text looks on a background with the HunterLab color 12.5800, 11.0171,

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

12.5800, 11.0171, 4.6009

Protanopia

12.9951, -0.9449, 3.5321

Deuteranopia

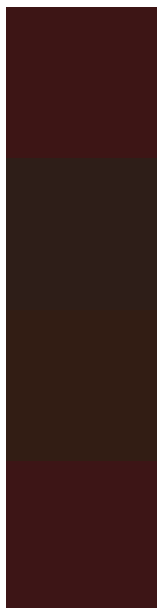
12.8387, 0.5792, 5.0761



Tritanopia

12.5951, 11.0855, 4.3819

Trichromacy



Original Color

12.5800, 11.0171, 4.6009

Protanomaly

12.5512, 3.0066, 3.7045

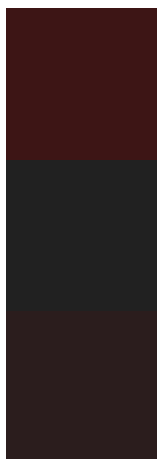
Deuteranomaly

12.6781, 4.2970, 4.7924

Tritanomaly

12.5951, 11.0855, 4.3819

Monochromacy



Original Color

12.5800, 11.0171, 4.6009

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.1698, 3.0128, 1.8886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5800, 11.0171, 4.6009 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(61, 21, 21)` looks like.

```
.text, #text, p{  
    color:rgb(61, 21, 21)  
}
```

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(61, 21, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 21, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5800, 11.0171, 4.6009 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(61, 21, 21) }
```


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

```
.border{ border-color:rgb(61, 21, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 21, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 21, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 21, 21);  
box-shadow:4px 4px 4px 4px rgb(61, 21, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5800, 11.0171, 4.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 21, 21) }
```

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

```
.background{ background-color: rgb(61, 21,  
21) }
```

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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