

Converting Colors

HunterLab(12.9677, 5.9388,
7.3580)

Have a look what the booklet for
HunterLab(12.9677, 5.9388, 7.3580)
contains.

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Color

**HunterLab(12.9785, 5.8814,
7.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	381C06
RGB	56, 28, 6
RGB Percent	22%, 11%, 2%
CMY	0.7804, 0.8902, 0.9765
CMYK	0.00, 0.50, 0.89, 0.78
HSL	26°, 81%, 12%
HSV	26°, 89%, 22%
XYZ	2.0790, 1.6844, 0.3879
YIQ	33.8640, 23.7500, -0.9060

Conversions

Conversions Part 2

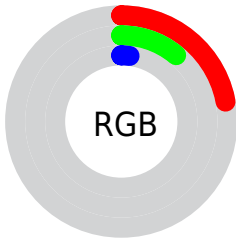
Format	Color
R_{YB}	56, 45, 6
Decimal	3677190
CIE _{Lab}	13.74, 11.66, 18.13
CIE _{LCh}	14, 21.561, 57.257
Yxy	1.6845, 0.5008, 0.4058
Android (android.graphics.Color)	4281867270 (0xFF381C06)
YUV	33.8640, -13.7370, 19.4133
Hunter-Lab	12.9785, 5.8814, 7.3131

Details

The HunterLab color **12.9785, 5.8814, 7.3131** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **12.1170, -1.1568, -10.8607**, and the grayscale version is **12.6417, -0.6745, 0.6868**.

A 20% lighter version of the original color is **28.0660, 6.4748, 10.7911**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.3741, 6.8764, 7.6901**, and if you desaturate by 10%, it is **13.6144, 4.8674, 7.0147**.

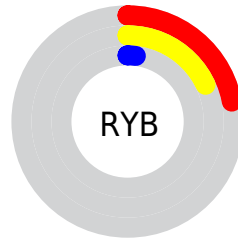
Distribution



Red (22%)

Green (11%)

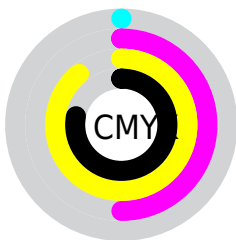
Blue (2%)



Red (22%)

Yellow (18%)

Blue (2%)

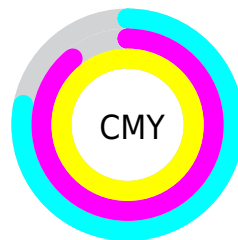


Cyan (0%)

Magenta (50%)

Yellow (89%)

Black (78%)



Cyan (78%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9785, 5.8814, 7.3131 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 12.9785, 5.8814, 7.3131 by changing the saturation by 10% instead.

■ 12.9785, 5.8814,
7.3131

■ 12.9785, 5.8814,
7.3131

■ 104.8697, 6.7340,
22.0282

■ 6.4311, 7.5580,
4.5018

■ 28.0749, 6.7041,
10.7666

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.9545, 6.9366,
12.5246

0.0000, NaN, NaN

■ 46.6120, 7.0763,
14.2026

0.0000, NaN, NaN

■ 56.9894, 7.1359,
15.8252

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 68.0398, 7.1249,
17.4092


0.0000, NaN, NaN

■ 79.7243, 7.0505,


0.0000, NaN, NaN

18.9659


 92.0103, 6.9187,
20.5035

 12.9785, 5.8814,
7.3131


 12.9785, 5.8814,
7.3131


 12.3741, 6.8764,
7.6901

 13.6144, 4.8674,
7.0147

 12.3320, 6.9467,
7.7206

 14.2885, 3.8968,
6.6379

 15.0019, 2.9922,
6.1340

 15.7516, 2.1546,
5.5132

 16.5346, 1.3833,
4.7859

■ 17.3484, 0.6758,
3.9621

■ 18.1904, 0.0289,
3.0513

■ 19.0586, -0.5610,
2.0621

■ 19.9508, -1.0978,
1.0024

Harmonies

Analogous

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



12.9788, 10.7360, 4.6751



12.9785, 5.8814, 7.3131



12.9788, -0.1570, 8.3995

Triad

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



12.9788, 5.8806, 7.3132



12.9788, -10.0322, 1.2023



12.9788, 4.7980, -12.6413

Complementary

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



12.9785, 5.8814, 7.3131



12.1170, -1.1568, -10.8607

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.



12.9788, -1.2208, -14.9084



12.9785, 5.8814, 7.3131



12.9788, -9.1680, -5.1269

Square

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



12.9788, 5.8806, 7.3132



12.9788, -8.7797, 5.2459



12.9788, -6.1733, -11.7003



12.9788, 10.0380, -6.4101

Rectangle

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



12.9785, 5.8814, 7.3131



12.9788, -3.8279, 8.0975



12.9788, -6.1733, -11.7003



12.9788, 2.7705, -13.9854

Sweetspot

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



12.9788, 5.8806, 7.3132



22.9120, 0.8085, 5.1064



10.4328, 15.7830, -2.0396



12.2158, 0.4756, 2.7895



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.



12.9788, 5.8806, 7.3132



15.8627, 9.9529, 9.9487



18.3570, -3.7147, 10.6899



10.3876, -0.3332, 1.0661



19.5176, 13.0889, 12.2558



48.5426, 38.3552, 30.5832

Inverse Universe

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



12.1170, -1.1568, -10.8607



14.5193, -0.3102, -17.4782



7.2586, 9.1896, -25.9266



10.3408, -0.7503, 0.0418



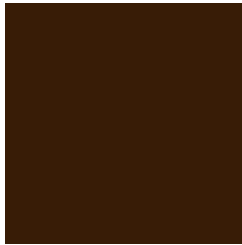
17.8112, 0.1446, -22.5746



43.8712, 4.1280, -63.7463

Previews

White Background



This preview shows how the HunterLab color 12.9785, 5.8814, 7.3131 looks on a white background.

Color Contrast Check

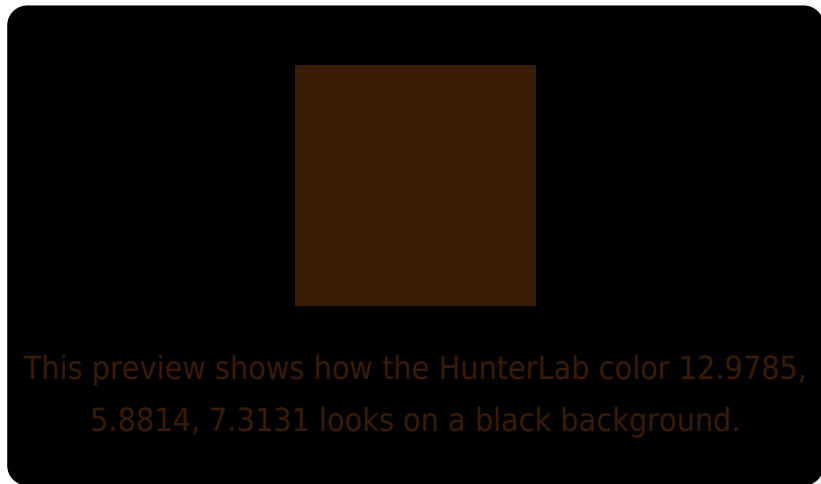
Large Text (above 18pt) WCAG AA ✓ Pass

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

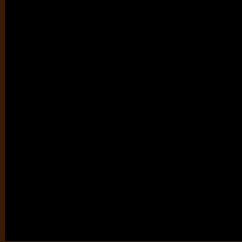
Any Text WCAG AA × Fail

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 12.9785, 5.8814, 7.3131 Background



This preview shows how black text looks on a background with the HunterLab color 12.9785, 5.8814, 7.3131.

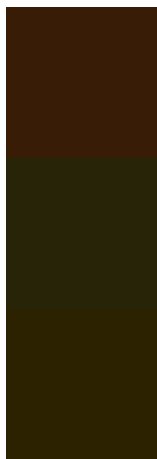


This preview shows how white text looks on a background with the HunterLab color 12.9785, 5.8814,

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

12.9785, 5.8814, 7.3131

Protanopia

13.1545, -1.9906, 7.0354

Deuteranopia

13.0459, -0.1964, 8.0354



Tritanopia

13.0096, 8.3290, 3.1554

Trichromacy



Original Color

12.9785, 5.8814, 7.3131

Protanomaly

12.9765, 0.7984, 7.0916

Deuteranomaly

13.0014, 1.8790, 7.7824

Tritanomaly

13.0546, 7.3115, 5.1664

Monochromacy



Original Color

12.9785, 5.8814, 7.3131

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6143, 1.0785, 3.7301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9785, 5.8814, 7.3131 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(56, 28, 6)` looks like.

```
.text, #text, p{  
    color:rgb(56, 28, 6)  
}
```

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(56, 28, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 28, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9785, 5.8814, 7.3131 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(56, 28, 6) }
```


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

```
.border{ border-color:rgb(56, 28, 6) }
```

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

Here you see how a box with a 4 pixel rgb(56, 28, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 28, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 28, 6); box-shadow:4px  
4px 4px 4px rgb(56, 28, 6) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9785, 5.8814, 7.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 28, 6) }
```

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

```
.background{ background-color: rgb(56, 28,  
6) }
```

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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