

Converting Colors

HunterLab(12.5680, 6.4155,
7.8566)

Have a look what the booklet for
HunterLab(12.5680, 6.4155, 7.8566)
contains.

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Color

**HunterLab(12.5680, 6.4155,
7.8566)**

Conversions

Conversions Part 1

Format	Color
Hex	381A00
RGB	56, 26, 0
RGB Percent	22%, 10%, 0%
CMY	0.7804, 0.8980, 1.0000
CMYK	0.00, 0.54, 1.00, 0.78
HSL	28°, 100%, 11%
HSV	28°, 100%, 22%
XYZ	2.0003, 1.5795, 0.1995
YIQ	32.0060, 26.2260, -1.7260

Conversions

Conversions Part 2

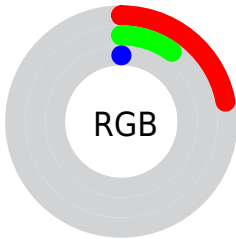
Format	Color
R_{YB}	56, 49, 0
Decimal	3676672
CIE _{Lab}	13.11, 12.59, 19.74
CIE _{LCh}	13, 23.416, 57.472
Yxy	1.5796, 0.5293, 0.4180
Android (android.graphics.Color)	4281866752 (0xFF381A00)
YUV	32.0060, -15.7790, 21.0427
Hunter-Lab	12.5680, 6.4155, 7.8566

Details

The HunterLab color **12.5680, 6.4155, 7.8566** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **11.0181, -0.1967, -13.3468**, and the grayscale version is **12.0625, -0.6436, 0.6554**.

A 20% lighter version of the original color is **27.6581, 7.4049, 11.4074**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5682, 6.4148, 7.8568**, and if you desaturate by 10%, it is **13.1600, 5.4674, 7.4802**.

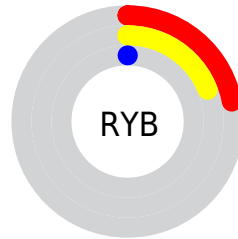
Distribution



Red (22%)

Green (10%)

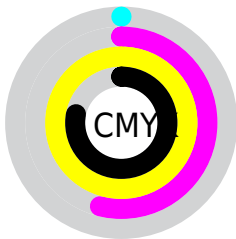
Blue (0%)



Red (22%)

Yellow (19%)

Blue (0%)

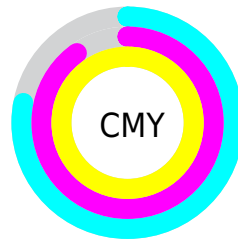


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (78%)



Cyan (78%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5680, 6.4155, 7.8566 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 12.5680, 6.4155, 7.8566 by changing the saturation by 10% instead.

■ 12.5680, 6.4155,
7.8566

■ 12.5680, 6.4155,
7.8566

■ 104.0426, 7.7513,
23.2324

■ 5.8635, 9.0437,
4.1045

■ 27.5429, 7.3738,
11.2628

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3711, 7.6658,
13.1532

0.0000, NaN, NaN

■ 45.9815, 7.8606,
14.9487

0.0000, NaN, NaN

■ 56.3150, 7.9719,
16.6777

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.3241, 8.0096,
18.3591


0.0000, NaN, NaN


■ 78.9697, 7.9815,


0.0000, NaN, NaN


20.0062

 91.2186, 7.8937,
21.6282


 12.5680, 6.4155,
7.8566


 12.5680, 6.4155,
7.8566

 12.5682, 6.4148,
7.8568

 13.1600, 5.4674,
7.4802

 13.7786, 4.5049,
7.1804

 14.4317, 3.5827,
6.8102

 15.1213, 2.7272,
6.3091

 15.8447, 1.9393,
5.6863

■ 16.5993, 1.2177,
4.9515

■ 17.3829, 0.5602,
4.1145

■ 18.1932, -0.0364,
3.1847

■ 19.0283, -0.5756,
2.1707

Harmonies

Analogous

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



12.5683, 11.7730, 4.9081



12.5680, 6.4155, 7.8566



12.5683, -0.1404, 8.7978

Triad

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



12.5683, 6.4146, 7.8567



12.5683, -10.5198, 1.1748



12.5683, 5.3246, -14.1405

Complementary

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



12.5680, 6.4155, 7.8566



11.0181, -0.1967, -13.3468

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.



12.5683, -1.1935, -16.7740



12.5680, 6.4155, 7.8566



12.5683, -9.6072, -5.7643

Square

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



12.5683, 6.4146, 7.8567



12.5683, -9.2369, 5.4980



12.5683, -6.4686, -13.1535



12.5683, 11.0627, -7.0835

Rectangle

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



12.5680, 6.4155, 7.8566



12.5683, -4.0590, 8.7119



12.5683, -6.4686, -13.1535



12.5683, 3.1182, -15.6871

Sweetspot

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



12.5683, 6.4146, 7.8567



22.6982, 0.8640, 5.5878



9.6884, 17.6013, -1.5709



12.0755, 0.5260, 3.0775



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.



12.5683, 6.4146, 7.8567



16.1779, 9.2236, 10.1302



18.4532, -4.1143, 11.2987



10.4024, -0.3581, 1.0824



19.9138, 12.1558, 12.4836



49.5732, 35.8086, 31.1737

Inverse Universe

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



11.0181, -0.1967, -13.3468



14.0904, 0.4270, -18.5335



5.8850, 12.2745, -33.8522



10.3258, -0.7256, 0.0239



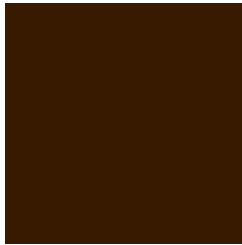
17.2643, 1.1021, -23.9579



42.3838, 6.8685, -67.8032

Previews

White Background



This preview shows how the HunterLab color 12.5680, 6.4155, 7.8566 looks on a white background.

Color Contrast Check

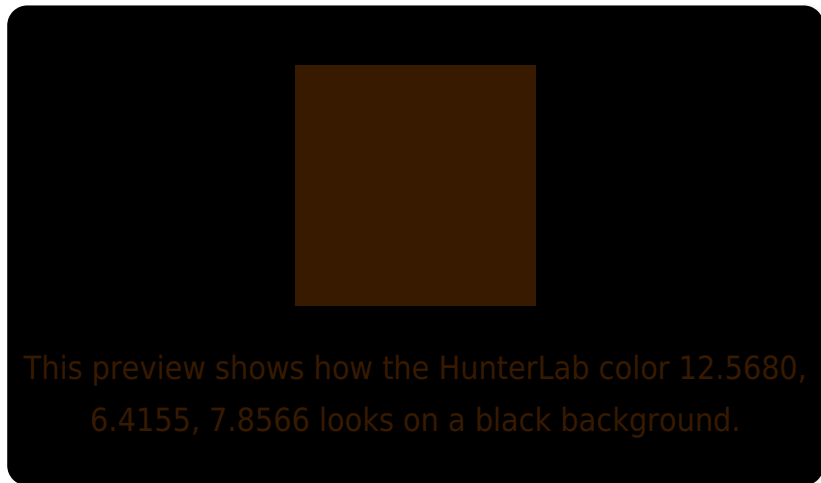
Large Text (above 18pt) WCAG AA ✓ Pass

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

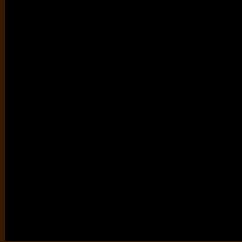
Any Text WCAG AA × Fail

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 12.5680, 6.4155, 7.8566 Background



This preview shows how black text looks on a background with the HunterLab color 12.5680, 6.4155, 7.8566.

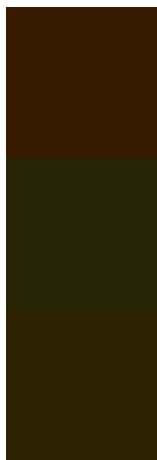


This preview shows how white text looks on a background with the HunterLab color 12.5680, 6.4155,

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

12.5680, 6.4155, 7.8566

Protanopia

12.8232, -2.0461, 7.2019

Deuteranopia

12.7404, -0.1232, 7.8484



Tritanopia

12.6400, 8.9539, 3.3614

Trichromacy



Original Color

12.5680, 6.4155, 7.8566

Protanomaly

12.6392, 0.6916, 7.3962

Deuteranomaly

12.4777, 2.2431, 7.7280

Tritanomaly

12.6712, 7.9176, 5.4651

Monochromacy



Original Color

12.5680, 6.4155, 7.8566

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0435, 1.2296, 4.1846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5680, 6.4155, 7.8566 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, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(56, 26, 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(56, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 26, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5680, 6.4155, 7.8566 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, 26, 0) }
```


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

```
.border{ border-color:rgb(56, 26, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 26, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 26, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 26, 0); box-shadow:4px  
4px 4px 4px rgb(56, 26, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5680, 6.4155, 7.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 26, 0) }
```

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

```
.background{ background-color: rgb(56, 26,  
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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