

Converting Colors

HunterLab(12.5694, 15.1170,
8.0044)

Have a look what the booklet for
HunterLab(12.5694, 15.1170,
8.0044) contains.

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Color

**HunterLab(12.5670, 15.0982,
8.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	450E00
RGB	69, 14, 0
RGB Percent	27%, 5%, 0%
CMY	0.7294, 0.9451, 1.0000
CMYK	0.00, 0.80, 1.00, 0.73
HSL	12°, 100%, 14%
HSV	12°, 100%, 27%
XYZ	2.6113, 1.5793, 0.1672
YIQ	28.8490, 37.2740, 7.3060

Conversions

Conversions Part 2

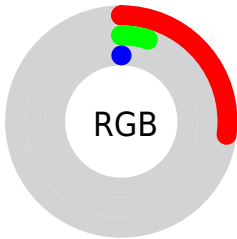
Format	Color
RYB	69, 18, 0
Decimal	4525568
CIELab	13.10, 25.42, 20.20
CIELCh	13, 32.473, 38.470
Yxy	1.5794, 0.5992, 0.3624
Android (android.graphics.Color)	4282715648 (0xFF450E00)
YUV	28.8490, -14.2226, 35.2124
Hunter-Lab	12.5670, 15.0982, 8.0080

Details

The HunterLab color **12.5670, 15.0982, 8.0080** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **17.7812, -6.6206, -7.9327**, and the grayscale version is **11.0728, -0.5908, 0.6016**.

A 20% lighter version of the original color is **27.5219, 17.6995, 11.4751**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5673, 15.0970, 8.0082**, and if you desaturate by 10%, it is **13.2789, 13.5068, 7.5341**.

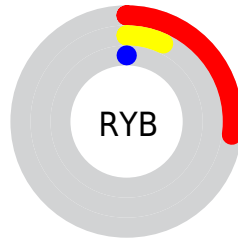
Distribution



Red (27%)

Green (5%)

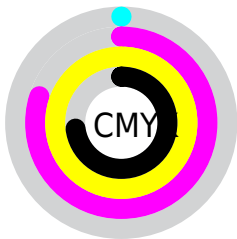
Blue (0%)



Red (27%)

Yellow (7%)

Blue (0%)

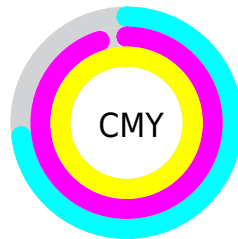


Cyan (0%)

Magenta (80%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5670, 15.0982, 8.0080 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 12.5670, 15.0982, 8.0080 by changing the saturation by 10% instead.

12.5670, 15.0982,
8.0080

12.5670, 15.0982,
8.0080

104.0407, 21.9877,
23.5991

5.8621, 18.7212,
4.1035

27.5416, 17.4710,
11.4313

0.0000, NaN, NaN

0.0000, NaN, NaN

36.3697, 18.4360,
13.3579

0.0000, NaN, NaN

45.9800, 19.2730,
15.1860

0.0000, NaN, NaN

0.0000, NaN, NaN

56.3134, 19.9973,
16.9448

0.0000, NaN, NaN


67.3224, 20.6214,
18.6536


0.0000, NaN, NaN


78.9679, 21.1557,


0.0000, NaN, NaN


20.3262


 91.2168, 21.6088,
21.9723


 12.5670, 15.0982,
8.0080


 12.5670, 15.0982,
8.0080


 12.5673, 15.0970,
8.0082

 13.2789, 13.5068,
7.5341

 14.1130, 11.7262,
7.1859

 15.0746, 9.8996,
6.7288

 16.1526, 8.0908,
6.1536

 17.3333, 6.3346,
5.4846

■ 18.6045, 4.6501,
4.7426

■ 19.9551, 3.0453,
3.9444

■ 21.3756, 1.5211,
3.1028

■ 22.8579, 0.0739,
2.2274

Harmonies

Analogous

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



12.5674, 20.2564, 2.7898



12.5670, 15.0982, 8.0080



12.5674, 6.0007, 8.7972

Triad

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



12.5674, 15.0969, 8.0082



12.5674, -12.8821, 5.2758



12.5674, 1.8616, -26.9939

Complementary

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



12.5670, 15.0982, 8.0080



17.7812, -6.6206, -7.9327

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.



12.5674, -6.1887, -24.5572



12.5670, 15.0982, 8.0080



12.5674, -13.5449, -1.8639

Square

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



12.5674, 15.0969, 8.0082



12.5674, -9.4020, 8.7972



12.5674, -11.2237, -13.5884



12.5674, 11.3769, -18.9509

Rectangle

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



12.5670, 15.0982, 8.0080



12.5674, -0.2260, 8.7972



12.5674, -11.2237, -13.5884



12.5674, -1.1104, -27.4427

Sweetspot

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



12.5674, 15.0969, 8.0082



25.7148, 4.2011, 5.2527



12.4216, 23.5082, -9.3066



13.1980, 2.3984, 2.8424



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.



12.5674, 15.0969, 8.0082



16.0391, 20.4764, 10.2417



18.4492, 1.8045, 11.3999



12.4673, -0.0634, 1.1385



17.8462, 23.2636, 11.4040



42.7568, 61.4491, 27.4223

Inverse Universe

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



17.7812, -6.6206, -7.9327



22.9114, -8.3424, -10.6285



9.7727, 7.3159, -28.0078



12.7880, -1.2475, 0.2306



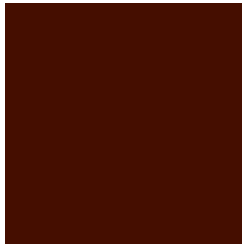
25.5733, -9.2329, -12.0333



62.0857, -21.3639, -31.4832

Previews

White Background



This preview shows how the HunterLab color 12.5670, 15.0982, 8.0080 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

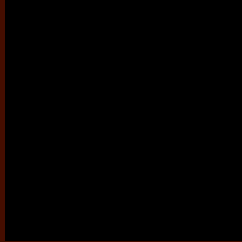
Any Text WCAG AA × Fail

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 12.5670, 15.0982, 8.0080 Background



This preview shows how black text looks on a background with the HunterLab color 12.5670, 15.0982, 8.0080.

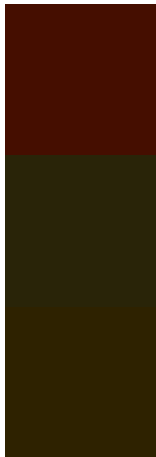


This preview shows how white text looks on a background with the HunterLab color 12.5670, 15.0982,

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

12.5670, 15.0982, 8.0080

Protanopia

13.2314, -1.7162, 7.0937

Deuteranopia

13.1335, 0.1042, 8.0946



Tritanopia

12.5782, 15.8902, 6.2340

Trichromacy



Original Color

12.5670, 15.0982, 8.0080

Protanomaly

12.4309, 4.2061, 7.0487

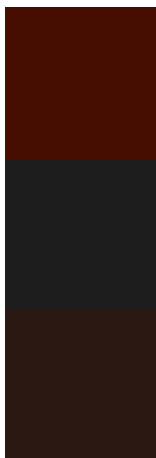
Deuteranomaly

12.5225, 5.3577, 7.8101

Tritanomaly

12.5323, 15.6989, 6.9104

Monochromacy



Original Color

12.5670, 15.0982, 8.0080

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.1014, 4.2814, 3.8593

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5670, 15.0982, 8.0080 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(69, 14, 0)` looks like.

```
.text, #text, p{  
    color:rgb(69, 14, 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(69, 14, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 14, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5670, 15.0982, 8.0080 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(69, 14, 0) }
```


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

```
.border{ border-color:rgb(69, 14, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 14, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 14, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 14, 0); box-shadow:4px  
4px 4px 4px rgb(69, 14, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5670, 15.0982, 8.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 14, 0) }
```

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

```
.background{ background-color: rgb(69, 14,  
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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