

Converting Colors

HunterLab(14.8001, 12.7384,
5.1188)

Have a look what the booklet for
HunterLab(14.8001, 12.7384,
5.1188) contains.

| | |
|--|----|
| HunterLab(14.6885, 12.7667, 5.0890) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(14.6885, 12.7667,
5.0890)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 471A1B |
| RGB | 71, 26, 27 |
| RGB Percent | 28%, 10%, 11% |
| CMY | 0.7216, 0.8980, 0.8941 |
| CMYK | 0.00, 0.63, 0.62, 0.72 |
| HSL | 359°, 46%, 19% |
| HSV | 359°, 63%, 28% |
| XYZ | 3.1658, 2.1575, 1.2865 |
| YIQ | 39.5690, 26.4990, 9.8510 |

Conversions

Conversions Part 2

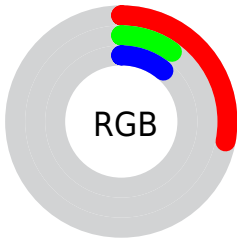
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 71, 26, 27 |
| Decimal | 4659739 |
| CIE _{Lab} | 16.29, 21.68, 10.13 |
| CIE _{LCh} | 16, 23.926, 25.038 |
| Yxy | 2.1576, 0.4789, 0.3264 |
| Android (android.graphics.Color) | 4282849819 (0xFF471A1B) |
| YUV | 39.5690, -6.1965, 27.5650 |
| Hunter-Lab | 14.6885, 12.7667, 5.0890 |

Details

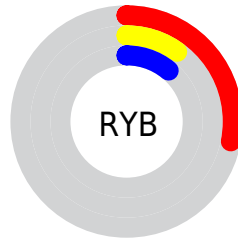
The HunterLab color **14.6885, 12.7667, 5.0890** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.7340, -10.0669, -1.2803**, and the grayscale version is **14.4412, -0.7705, 0.7846**.

A 20% lighter version of the original color is **30.1434, 14.6662, 7.4339**, and **3.0555, 5.2327, 1.9744** is the 20% darker color. If you saturate the color by 10%, you get **13.6116, 14.9511, 5.7546**, and if you desaturate by 10%, it is **15.9630, 10.4546, 4.4144**.

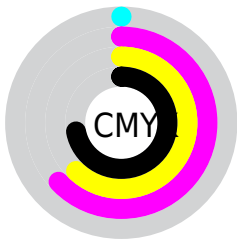
Distribution



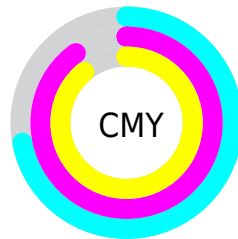
- Red (28%)
- Green (10%)
- Blue (11%)



- Red (28%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (63%)
- Yellow (62%)
- Black (72%)



- Cyan (72%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.6885, 12.7667, 5.0890 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 14.6885, 12.7667, 5.0890 by changing the saturation by 10% instead.

■ 14.6885, 12.7667,
5.0890

■ 14.6885, 12.7667,
5.0890

■ 108.2478, 17.8199,
15.4842

■ 8.3471, 11.9532,
5.4827

■ 30.2682, 14.6697,
7.5193

0.0000, INF, NaN

0.0000, NaN, NaN

■ 39.3531, 15.4092,
8.6714

0.0000, NaN, NaN

■ 49.1998, 16.0323,
9.8069

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.7534, 16.5534,
10.9359

0.0000, NaN, NaN

■ 70.9694, 16.9843,
12.0644

0.0000, NaN, NaN

■ 82.8106, 17.3342,

0.0000, NaN, NaN

13.1968

95.2458, 17.6106,
14.3360

14.6885, 12.7667,
5.0890

14.6885, 12.7667,
5.0890

13.6116, 14.9511,
5.7546

15.9630, 10.4546,
4.4144

12.7559, 16.8732,
6.3676

17.4074, 8.1178,
3.7589

12.0632, 18.5958,
6.8877

18.9971, 5.8164,
3.1384

11.5890, 19.8762,
7.2578

20.7104, 3.5813,
2.5592

22.5292, 1.4241,
2.0219

■ 24.4388, -0.6545,
1.5238

■ 26.4270, -2.6598,
1.0611

■ 28.4841, -4.5995,
0.6297

■ 30.6022, -6.4819,
0.2253

Harmonies

Analogous

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



14.6889, 14.3351, -0.2976



14.6885, 12.7667, 5.0890



14.6889, 7.3283, 7.8878

Triad

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



14.6889, 12.7656, 5.0893



14.6889, -9.9021, 6.2212



14.6889, -1.8796, -17.3364

Complementary

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



14.6885, 12.7667, 5.0890



22.7340, -10.0669, -1.2803

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.



14.6889, -7.4468, -13.1607



14.6885, 12.7667, 5.0890



14.6889, -11.5197, 1.8181

Square

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



14.6889, 12.7656, 5.0893



14.6889, -5.8371, 8.4718



14.6889, -10.7084, -5.3719



14.6889, 5.0592, -15.1476

Rectangle

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



14.6885, 12.7667, 5.0890



14.6889, 2.6826, 8.8774



14.6889, -10.7084, -5.3719



14.6889, -3.9572, -16.5914

Sweetspot

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



14.6889, 12.7656, 5.0893



27.7759, 3.6241, 3.0674



15.7398, 17.7801, -12.4452



13.8769, 2.0257, 1.5990



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.



14.6889, 12.7656, 5.0893



17.0419, 20.8896, 7.9397



18.5670, 4.0556, 8.3906



12.3092, 0.2213, 0.9347



16.3796, 28.0800, 10.3554



40.4151, 69.2393, 25.9038

Inverse Universe

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



14.6889, 12.7656, 5.0893



17.0419, 20.8896, 7.9397



17.1927, -2.0129, -9.9988



12.3092, 0.2213, 0.9347



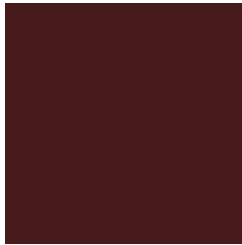
16.3796, 28.0800, 10.3554



40.4151, 69.2393, 25.9038

Previews

White Background



This preview shows how the HunterLab color 14.6885, 12.7667, 5.0890 looks on a white background.

Color Contrast Check

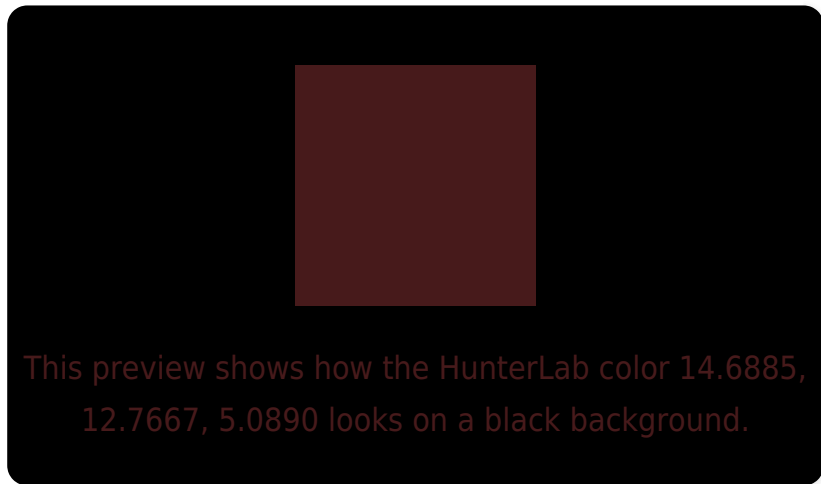
Large Text (above 18pt) WCAG AA ✓ Pass

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

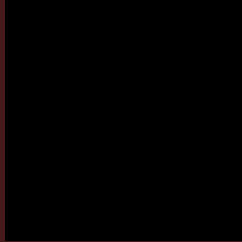
Any Text WCAG AA × Fail

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 14.6885, 12.7667, 5.0890 Background



This preview shows how black text looks on a background with the HunterLab color 14.6885, 12.7667, 5.0890.



This preview shows how white text looks on a background with the HunterLab color 14.6885, 12.7667,

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

14.6885, 12.7667, 5.0890

Protanopia

14.9370, -0.9709, 3.4759

Deuteranopia

15.0528, 0.3344, 5.6588



Tritanopia

14.6885, 12.7667, 5.0890

Trichromacy



Original Color

14.6885, 12.7667, 5.0890

Protanomaly

14.6457, 3.6153, 3.8400

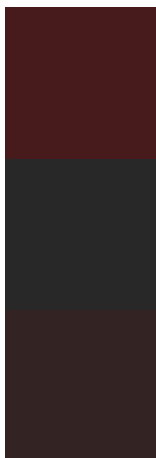
Deuteranomaly

14.7519, 4.8267, 5.2467

Tritanomaly

14.6885, 12.7667, 5.0890

Monochromacy



Original Color

14.6885, 12.7667, 5.0890

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.2380, 3.5376, 2.2138

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.6885, 12.7667, 5.0890 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(71, 26, 27)` looks like.

```
.text, #text, p{  
    color:rgb(71, 26, 27)  
}
```

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(71, 26, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 26, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 14.6885, 12.7667, 5.0890 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(71, 26, 27) }
```


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

```
.border{ border-color:rgb(71, 26, 27) }
```

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

Here you see how a box with a 4 pixel rgb(71, 26, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 26, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 26, 27);  
box-shadow:4px 4px 4px 4px rgb(71, 26, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.6885, 12.7667, 5.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 26, 27) }
```

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

```
.background{ background-color: rgb(71, 26,  
27) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor