

Converting Colors

HunterLab(13.4296, 46.6454,
5.0443)

Have a look what the booklet for
HunterLab(13.4296, 46.6454,
5.0443) contains.

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Color

**HunterLab(17.3587, 30.1316,
8.0825)**

Conversions

Conversions Part 1

Format	Color
Hex	680019
RGB	104, 0, 25
RGB Percent	41%, 0%, 10%
CMY	0.5922, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.76, 0.59
HSL	346°, 100%, 20%
HSV	346°, 100%, 41%
XYZ	5.8844, 3.0132, 1.1912
YIQ	33.9460, 53.9590, 29.8230

Conversions

Conversions Part 2

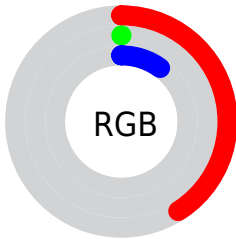
Format	Color
RYB	104, 0, 25
Decimal	6815769
CIELab	20.10, 42.21, 17.84
CIELCh	20, 45.821, 22.911
Yxy	3.0134, 0.5832, 0.2987
Android (android.graphics.Color)	4285005849 (0xFF680019)
YUV	33.9460, -4.4104, 61.4374
Hunter-Lab	17.3587, 30.1316, 8.0825

Details

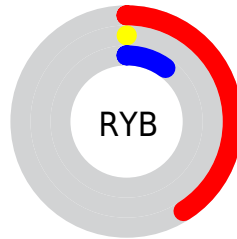
The HunterLab color **17.3587, 30.1316, 8.0825** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **32.3501, -21.5085, 5.9971**, and the grayscale version is **12.6336, -0.6741, 0.6864**.

A 20% lighter version of the original color is **33.6629, 33.4081, 11.6956**, and **8.5700, 14.7275, 5.1413** is the 20% darker color. If you saturate the color by 10%, you get **17.3585, 30.1312, 8.0838**, and if you desaturate by 10%, it is **18.1061, 28.4025, 6.9663**.

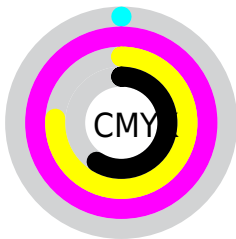
Distribution



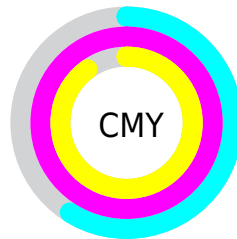
- Red (41%)
- Green (0%)
- Blue (10%)



- Red (41%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3587, 30.1316, 8.0825 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 17.3587, 30.1316, 8.0825 by changing the saturation by 10% instead.

■ 17.3587, 30.1316,
8.0825

■ 17.3587, 30.1316,
8.0825

■ 113.3374, 42.3105,
22.7417

■ 10.6712, 28.4115,
7.4699

■ 33.6302, 33.6005,
11.7636

■ 1.0396, 179.6145,
0.7277

■ 43.0122, 35.1764,
13.4458

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.1336, 36.6308,
15.0669

0.0000, NaN, NaN

■ 63.9440, 37.9688,
16.6455

0.0000, NaN, NaN

■ 75.4018, 39.1981,
18.1944

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.4725, 40.3266,


19.7226


0.0000, NaN, NaN


 100.1263, 41.3618,
21.2367


 17.3587, 30.1316,
8.0825


 17.3587, 30.1316,
8.0825


 17.3585, 30.1312,
8.0838

 18.1061, 28.4025,
6.9663

 19.0555, 26.3264,
5.7319

 20.3795, 23.4795,
4.6107

 22.0519, 20.1085,
3.6719

 24.0329, 16.4483,
2.9443

■ 26.2796, 12.6748,
2.4266

■ 28.7521, 8.8992,
2.1004

■ 31.4160, 5.1821,
1.9406

■ 34.2427, 1.5505,
1.9219

Harmonies

Analogous

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



17.3592, 33.1750, -2.3959



17.3587, 30.1316, 8.0825



17.3592, 17.7161, 12.1515

Triad

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



17.3592, 30.1294, 8.0829



17.3592, -17.1891, 10.4756



17.3592, -4.0231, -45.9342

Complementary

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



17.3587, 30.1316, 8.0825



32.3501, -21.5085, 5.9971

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.



17.3592, -13.9969, -32.6657



17.3587, 30.1316, 8.0825



17.3592, -19.9373, 3.7305

Square

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



17.3592, 30.1294, 8.0829



17.3592, -9.9397, 12.1515



17.3592, -18.9809, -11.7166



17.3592, 10.4080, -40.8113

Rectangle

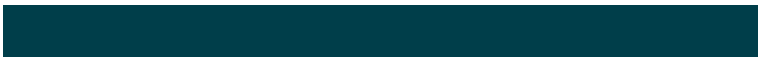
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.3587, 30.1316, 8.0825



17.3592, 7.3999, 12.1515



17.3592, -18.9809, -11.7166



17.3592, -7.9308, -43.2697

Sweetspot

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



17.3592, 30.1294, 8.0829



37.7933, 12.2124, 2.8098



16.1848, 33.8888, -37.4108



18.1558, 6.7951, 1.4445



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



17.3592, 30.1294, 8.0829



22.9570, 39.7803, 11.2245



19.1890, 22.9627, 12.2253



16.9004, 0.5674, 0.9426



19.2607, 33.4093, 9.1526



43.8511, 75.7981, 22.8963

Inverse Universe

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



17.3592, 30.1294, 8.0829



22.9570, 39.7803, 11.2245



25.3941, -7.7239, -15.0653



16.9004, 0.5674, 0.9426



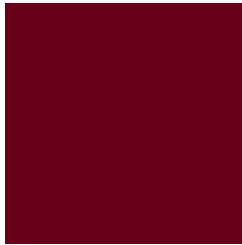
19.2607, 33.4093, 9.1526



43.8511, 75.7981, 22.8963

Previews

White Background



This preview shows how the HunterLab color 17.3587, 30.1316, 8.0825 looks on a white background.

Color Contrast Check

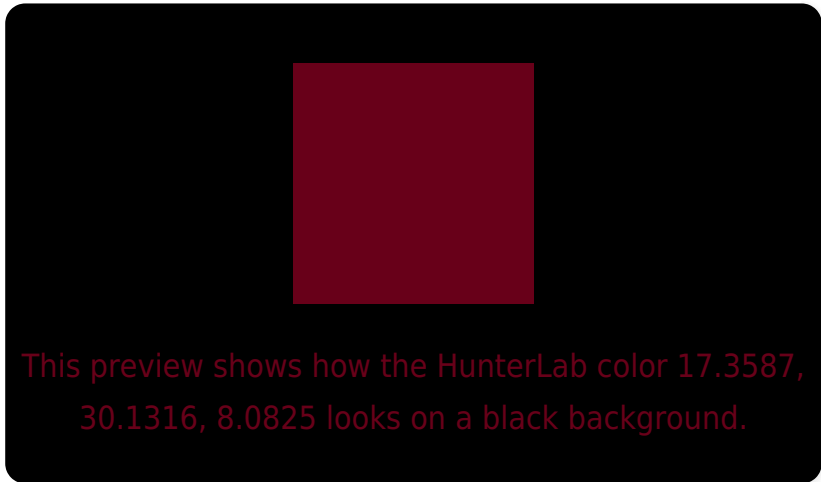
Large Text (above 18pt) WCAG AA ✓ Pass

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

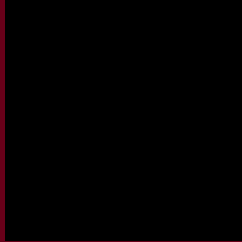
Any Text WCAG AA × Fail

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 17.3587, 30.1316, 8.0825 Background



This preview shows how black text looks on a background with the HunterLab color 17.3587, 30.1316, 8.0825.

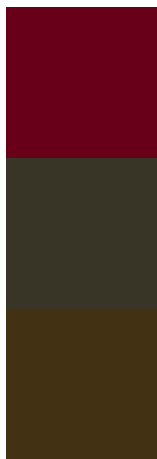


This preview shows how white text looks on a background with the HunterLab color 17.3587, 30.1316,

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

17.3587, 30.1316, 8.0825

Protanopia

18.8574, -1.6658, 5.8252

Deuteranopia

18.6721, 0.8298, 9.5639



Tritanopia

17.8137, 27.4485, 10.8838

Trichromacy



Original Color

17.3587, 30.1316, 8.0825

Protanomaly

16.4612, 10.9956, 5.1534

Deuteranomaly

16.7112, 13.0554, 8.0088

Tritanomaly

17.6135, 28.4282, 10.0693

Monochromacy



Original Color

17.3587, 30.1316, 8.0825

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6592, 10.8112, 1.9184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3587, 30.1316, 8.0825 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(104, 0, 25)` looks like.

```
.text, #text, p{  
    color:rgb(104, 0, 25)  
}
```

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(104, 0, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 0, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3587, 30.1316, 8.0825 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(104, 0, 25) }
```


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

```
.border{ border-color:rgb(104, 0, 25) }
```

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

Here you see how a box with a 4 pixel rgb(104, 0, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(104, 0, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3587, 30.1316, 8.0825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 0, 25) }
```

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

```
.background{ background-color: rgb(104, 0,  
25) }
```

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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