

Converting Colors

HunterLab(13.0950, 33.8348,
3.5813)

Have a look what the booklet for
HunterLab(13.0950, 33.8348,
3.5813) contains.

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Color

**HunterLab(15.0250, 26.2887,
5.3833)**

Conversions

Conversions Part 1

Format	Color
Hex	5A001C
RGB	90, 0, 28
RGB Percent	35%, 0%, 11%
CMY	0.6471, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.69, 0.65
HSL	341°, 100%, 18%
HSV	341°, 100%, 35%
XYZ	4.4261, 2.2575, 1.3011
YIQ	30.1020, 44.6520, 27.7880

Conversions

Conversions Part 2

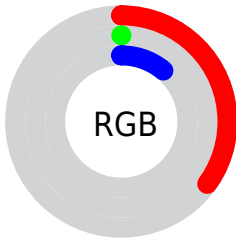
Format	Color
R_{YB}	90, 0, 28
Decimal	5898268
CIE Lab	16.79, 38.57, 10.80
CIE LCh	17, 40.055, 15.645
Yxy	2.2576, 0.5543, 0.2827
Android (android.graphics.Color)	4284088348 (0xFF5A001C)
YUV	30.1020, -1.0363, 52.5305
Hunter-Lab	15.0250, 26.2887, 5.3833

Details

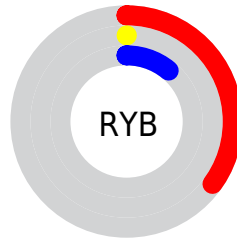
The HunterLab color **15.0250, 26.2887, 5.3833** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **27.6771, -19.2455, 6.9526**, and the grayscale version is **11.4205, -0.6094, 0.6205**.

A 20% lighter version of the original color is **30.6609, 29.4633, 7.8815**, and **6.4363, 11.0564, 3.8951** is the 20% darker color. If you saturate the color by 10%, you get **15.0249, 26.2884, 5.3844**, and if you desaturate by 10%, it is **15.7665, 24.5533, 4.3968**.

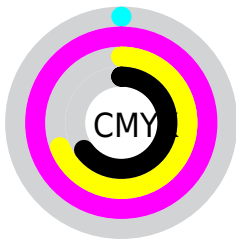
Distribution



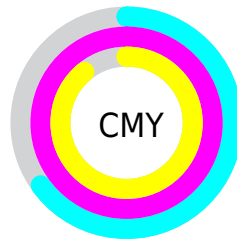
- Red (35%)
- Green (0%)
- Blue (11%)



- Red (35%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0250, 26.2887, 5.3833 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 15.0250, 26.2887, 5.3833 by changing the saturation by 10% instead.

15.0250, 26.2887,
5.3833

15.0250, 26.2887,
5.3833

108.9009, 37.5946,
16.1493

8.6669, 24.9101,
5.6379

30.6959, 29.5904,
7.9224

0.0000, INF, NaN

0.0000, NaN, NaN

39.8197, 31.0719,
9.1204

0.0000, NaN, NaN

49.7023, 32.4274,
10.2981

0.0000, NaN, NaN

0.0000, NaN, NaN

60.2895, 33.6638,
11.4661

0.0000, NaN, NaN


71.5370, 34.7903,
12.6312


0.0000, NaN, NaN


83.4081, 35.8157,


0.0000, NaN, NaN

13.7981


 95.8718, 36.7481,
14.9700


 15.0250, 26.2887,
5.3833


 15.0250, 26.2887,
5.3833


 15.0249, 26.2884,
5.3844

 15.7665, 24.5533,
4.3968

 16.6206, 22.7085,
3.3496

 17.7760, 20.2408,
2.4778

 19.2121, 17.3454,
1.8212

 20.8968, 14.2091,
1.3845

■ 22.7962, 10.9717,
1.1516

■ 24.8788, 7.7232,
1.0966

■ 27.1177, 4.5138,
1.1922

■ 29.4900, 1.3673,
1.4130

Harmonies

Analogous

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



15.0255, 26.4917, -5.2456



15.0250, 26.2887, 5.3833



15.0255, 17.5532, 10.4351

Triad

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



15.0255, 26.2869, 5.3837



15.0255, -13.3728, 10.2593



15.0255, -5.8081, -36.0106

Complementary

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



15.0250, 26.2887, 5.3833



27.6771, -19.2455, 6.9526

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.



15.0255, -13.1523, -22.6581



15.0250, 26.2887, 5.3833



15.0255, -16.5662, 5.0848

Square

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



15.0255, 26.2869, 5.3837



15.0255, -6.2126, 10.5178



15.0255, -16.4986, -5.8731



15.0255, 5.5012, -35.6699

Rectangle

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



15.0250, 26.2887, 5.3833



15.0255, 9.2226, 10.5178



15.0255, -16.4986, -5.8731



15.0255, -8.7377, -32.7039

Sweetspot

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



15.0255, 26.2869, 5.3837



32.6270, 10.6348, 1.4482



13.2153, 28.2142, -34.7595



15.6797, 5.7785, 0.7138



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



15.0255, 26.2869, 5.3837



19.8320, 34.6203, 7.7192



15.9981, 21.2006, 10.2284



15.3572, 0.5228, 0.7455



18.4627, 32.2468, 7.0550



43.0368, 74.8433, 18.9604

Inverse Universe

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



15.0255, 26.2869, 5.3837



19.8320, 34.6203, 7.7192



23.5997, -9.0695, -9.9180



15.3572, 0.5228, 0.7455



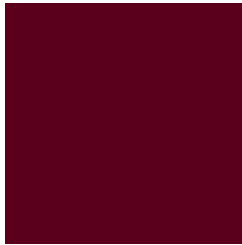
18.4627, 32.2468, 7.0550



43.0368, 74.8433, 18.9604

Previews

White Background



This preview shows how the HunterLab color 15.0250, 26.2887, 5.3833 looks on a white background.

Color Contrast Check

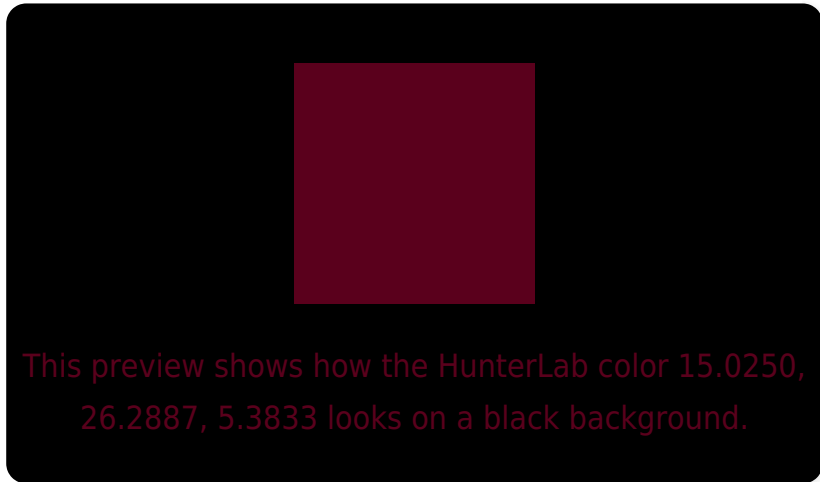
Large Text (above 18pt) WCAG AA ✓ Pass

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

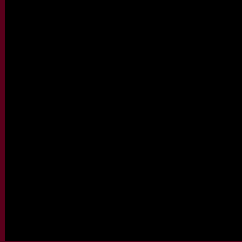
Any Text WCAG AA × Fail

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 15.0250, 26.2887, 5.3833 Background



This preview shows how black text looks on a background with the HunterLab color 15.0250, 26.2887, 5.3833.



This preview shows how white text looks on a background with the HunterLab color 15.0250, 26.2887,

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

15.0250, 26.2887, 5.3833

Protanopia

16.5604, -0.9974, 2.6763

Deuteranopia

16.4562, 0.4499, 7.0347



Tritanopia

15.5972, 22.8933, 9.0293

Trichromacy



Original Color

15.0250, 26.2887, 5.3833

Protanomaly

14.3627, 9.7595, 2.1311

Deuteranomaly

14.5933, 10.8463, 5.4456

Tritanomaly

15.3721, 24.0281, 8.0022

Monochromacy



Original Color

15.0250, 26.2887, 5.3833

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.3337, 9.6306, 1.0715

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0250, 26.2887, 5.3833 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(90, 0, 28)` looks like.

```
.text, #text, p{  
    color:rgb(90, 0, 28)  
}
```

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(90, 0, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 0, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0250, 26.2887, 5.3833 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(90, 0, 28) }
```


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

```
.border{ border-color:rgb(90, 0, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 0, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 0, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(90, 0, 28); box-shadow:4px  
4px 4px 4px rgb(90, 0, 28) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.0250, 26.2887, 5.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 0, 28) }
```

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

```
.background{ background-color: rgb(90, 0,  
28) }
```

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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