

Converting Colors

HunterLab(15.3825, 17.1395,
5.3135)

Have a look what the booklet for
HunterLab(15.3825, 17.1395,
5.3135) contains.

HunterLab(15.3883, 17.3459, 5.3072)	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(15.3883, 17.3459,
5.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	50161D
RGB	80, 22, 29
RGB Percent	31%, 9%, 11%
CMY	0.6863, 0.9137, 0.8863
CMYK	0.00, 0.72, 0.64, 0.69
HSL	353°, 57%, 20%
HSV	353°, 72%, 31%
XYZ	3.8169, 2.3680, 1.4183
YIQ	40.1400, 32.3210, 14.4730

Conversions

Conversions Part 2

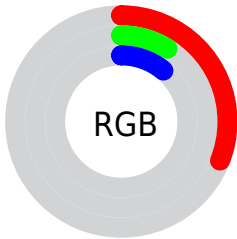
Format	Color
RYB	80, 22, 29
Decimal	5248541
CIELab	17.31, 27.64, 10.38
CIELCh	17, 29.523, 20.574
Yxy	2.3681, 0.5020, 0.3115
Android (android.graphics.Color)	4283438621 (0xFF50161D)
YUV	40.1400, -5.4920, 34.9572
Hunter-Lab	15.3883, 17.3459, 5.3072

Details

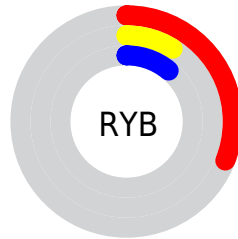
The HunterLab color **15.3883, 17.3459, 5.3072** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25.2764, -13.1451, 0.5584**, and the grayscale version is **14.6225, -0.7802, 0.7945**.

A 20% lighter version of the original color is **31.1619, 19.7645, 7.8830**, and **5.2746, 9.0744, 3.0862** is the 20% darker color. If you saturate the color by 10%, you get **14.4133, 19.4821, 6.1072**, and if you desaturate by 10%, it is **16.6186, 14.8650, 4.5358**.

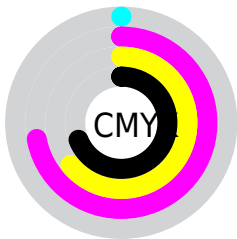
Distribution



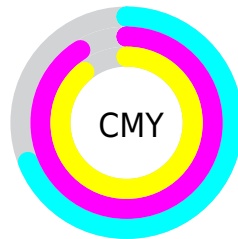
- Red (31%)
- Green (9%)
- Blue (11%)



- Red (31%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (72%)
- Yellow (64%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3883, 17.3459, 5.3072 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 15.3883, 17.3459, 5.3072 by changing the saturation by 10% instead.

■ 15.3883, 17.3459,
5.3072

■ 15.3883, 17.3459,
5.3072

■ 109.6019, 24.6904,
15.8272

■ 8.9968, 15.9831,
5.2699

■ 31.1561, 19.7966,
7.7670

0.0000, INF, NaN

0.0000, NaN, NaN

■ 40.3215, 20.8093,
8.9340

0.0000, NaN, NaN

■ 50.2424, 21.6980,
10.0842

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.8653, 22.4763,
11.2272

0.0000, NaN, NaN


■ 72.1465, 23.1557,
12.3694


0.0000, NaN, NaN


■ 84.0496, 23.7461,


0.0000, NaN, NaN


13.5149


 96.5436, 24.2554,
14.6668


 15.3883, 17.3459,
5.3072


 15.3883, 17.3459,
5.3072

 14.4133, 19.4821,
6.1072


 16.6186, 14.8650,
4.5358


 13.6751, 21.2204,
6.8498

 18.0744, 12.2066,
3.8318

 13.1401, 22.6637,
7.2431

 19.7254, 9.4902,
3.2149

 21.5428, 6.7915,
2.6896

 23.5016, 4.1508,
2.2516

■ 25.5809, 1.5850,
1.8922

■ 27.7638, -0.9024,
1.6017

■ 30.0365, -3.3155,
1.3707

■ 32.3878, -5.6614,
1.1906

Harmonies

Analogous

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



15.3887, 18.5061, -1.8884



15.3883, 17.3459, 5.3072



15.3887, 10.7997, 8.8752

Triad

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



15.3887, 17.3446, 5.3075



15.3887, -11.3909, 7.7828



15.3887, -3.3716, -23.2352

Complementary

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



15.3883, 17.3459, 5.3072



25.2764, -13.1451, 0.5584

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.



15.3887, -9.7724, -16.3174



15.3883, 17.3459, 5.3072



15.3887, -13.7047, 3.1413

Square

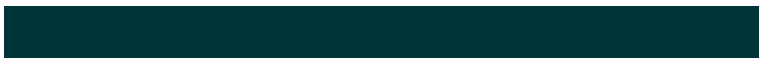
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.3887, 17.3446, 5.3075



15.3887, -6.0825, 10.1776



15.3887, -13.1834, -5.5774



15.3887, 5.2565, -21.5154

Rectangle

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



15.3883, 17.3459, 5.3072



15.3887, 4.9089, 10.2321



15.3887, -13.1834, -5.5774



15.3887, -5.8202, -21.7464

Sweetspot

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



15.3887, 17.3446, 5.3075



30.9646, 5.5875, 2.9903



15.9410, 21.6791, -18.0252



15.5778, 3.0947, 1.5615



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



15.3887, 17.3446, 5.3075



18.2965, 27.4477, 8.8535



18.7371, 8.4295, 9.2908



13.8130, 0.3368, 0.9295



17.3325, 29.8443, 9.9445



41.5307, 71.3244, 25.2718

Inverse Universe

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



15.3887, 17.3446, 5.3075



18.2965, 27.4477, 8.8535



19.6227, -4.0547, -10.9108



13.8130, 0.3368, 0.9295



17.3325, 29.8443, 9.9445



41.5307, 71.3244, 25.2718

Previews

White Background



This preview shows how the HunterLab color 15.3883, 17.3459, 5.3072 looks on a white background.

Color Contrast Check

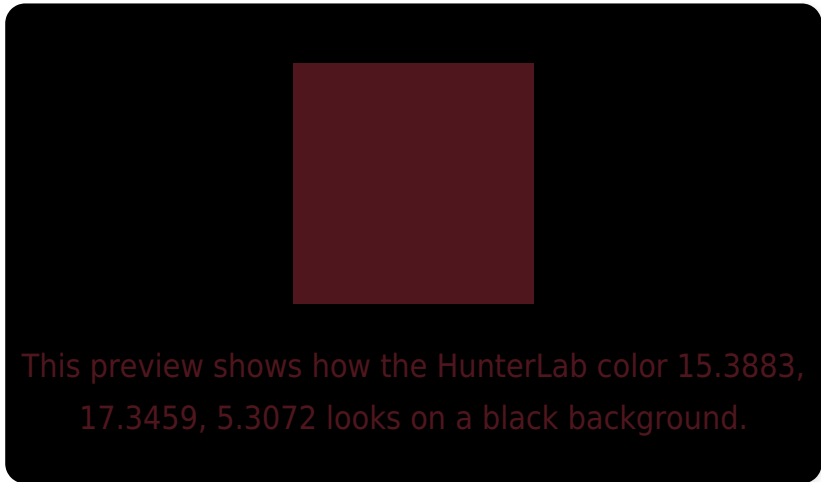
Large Text (above 18pt) WCAG AA ✓ Pass

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

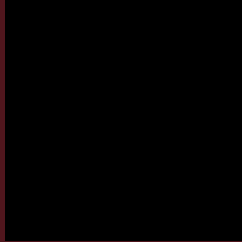
Any Text WCAG AA × Fail

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 15.3883, 17.3459, 5.3072 Background



This preview shows how black text looks on a background with the HunterLab color 15.3883, 17.3459, 5.3072.



This preview shows how white text looks on a background with the HunterLab color 15.3883, 17.3459,

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

15.3883, 17.3459, 5.3072

Protanopia

15.8813, -1.0728, 2.9213

Deuteranopia

15.8581, 0.7909, 6.1317



Tritanopia

15.4409, 16.6706, 6.4883

Trichromacy



Original Color

15.3883, 17.3459, 5.3072

Protanomaly

15.1084, 5.2136, 3.1609

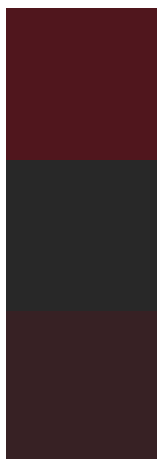
Deuteranomaly

15.2904, 6.4983, 5.5149

Tritanomaly

15.4688, 16.7919, 6.0800

Monochromacy



Original Color

15.3883, 17.3459, 5.3072

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.2384, 5.6450, 1.9223

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3883, 17.3459, 5.3072 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(80, 22, 29)` looks like.

```
.text, #text, p{  
    color:rgb(80, 22, 29)  
}
```

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(80, 22, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 22, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3883, 17.3459, 5.3072 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(80, 22, 29) }
```


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

```
.border{ border-color:rgb(80, 22, 29) }
```

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

Here you see how a box with a 4 pixel rgb(80, 22, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 22, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 22, 29);  
box-shadow:4px 4px 4px 4px rgb(80, 22, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.3883, 17.3459, 5.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 22, 29) }
```

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

```
.background{ background-color: rgb(80, 22,  
29) }
```

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