

Converting Colors

HunterLab(13.3890, 16.8072,
6.5999)

Have a look what the booklet for
HunterLab(13.3890, 16.8072,
6.5999) contains.

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Color

**HunterLab(13.3888, 16.6283,
6.5399)**

Conversions

Conversions Part 1

Format	Color
Hex	490F0F
RGB	73, 15, 15
RGB Percent	29%, 6%, 6%
CMY	0.7137, 0.9412, 0.9412
CMYK	0.00, 0.79, 0.79, 0.71
HSL	0°, 66%, 17%
HSV	0°, 79%, 29%
XYZ	3.0047, 1.7926, 0.6396
YIQ	32.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

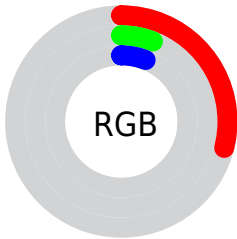
Format	Color
R_{YB}	73, 15, 15
Decimal	4787983
CIE _{Lab}	14.36, 27.24, 15.61
CIE _{LCh}	14, 31.394, 29.816
Yxy	1.7927, 0.5526, 0.3297
Android (android.graphics.Color)	4282978063 (0xFF490F0F)
YUV	32.3420, -8.5496, 35.6571
Hunter-Lab	13.3888, 16.6283, 6.5399

Details

The HunterLab color **13.3888, 16.6283, 6.5399** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.1239, -11.2735, -2.1102**, and the grayscale version is **12.1444, -0.6480, 0.6598**.

A 20% lighter version of the original color is **28.5942, 19.0358, 9.9266**, and **2.2721, 3.8910, 1.4682** is the 20% darker color. If you saturate the color by 10%, you get **12.6514, 18.4017, 7.0816**, and if you desaturate by 10%, it is **14.3563, 14.5160, 5.9025**.

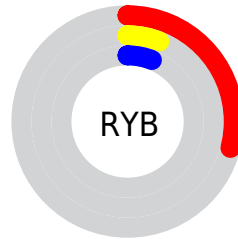
Distribution



Red (29%)

Green (6%)

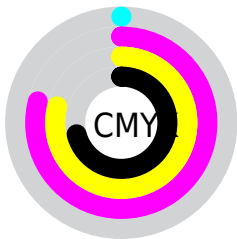
Blue (6%)



Red (29%)

Yellow (6%)

Blue (6%)

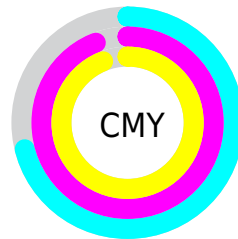


Cyan (0%)

Magenta (79%)

Yellow (79%)

Black (71%)



Cyan (71%)


Magenta (94%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.3888, 16.6283, 6.5399 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 13.3888, 16.6283, 6.5399 by changing the saturation by 10% instead.

 13.3888, 16.6283,
6.5399

 13.3888, 16.6283,
6.5399

 105.6899, 24.1070,
20.0205

 6.9471, 17.5520,
4.8630


 28.6045, 19.1295,
9.8331

0.0000, INF, NaN

0.0000, NaN, NaN


 37.5346, 20.1630,
11.3928

0.0000, NaN, NaN


 47.2386, 21.0686,
12.8934

0.0000, NaN, NaN


0.0000, NaN, NaN

 57.6592, 21.8604,
14.3551

0.0000, NaN, NaN

 68.7501, 22.5508,
15.7907

0.0000, NaN, NaN

 80.4731, 23.1500,

0.0000, NaN, NaN

17.2095

■ 92.7956, 23.6663,
18.6178

■ 13.3888, 16.6283,
6.5399

■ 13.3888, 16.6283,
6.5399

■ 12.6514, 18.4017,
7.0816

■ 14.3563, 14.5160,
5.9025

■ 11.9420, 20.2693,
7.6564

■ 15.5459, 12.1921,
5.2096

■ 11.9019, 20.3802,
7.6907

■ 16.9307, 9.7866,
4.5034

■ 18.4831, 7.3877,
3.8114

■ 20.1783, 5.0452,
3.1486

■ 21.9947, 2.7822,
2.5212

■ 23.9148, 0.6047,
1.9299

■ 25.9242, -1.4901,
1.3727

■ 28.0113, -3.5095,
0.8464

Harmonies

Analogous

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



13.3892, 19.8693, 0.6786



13.3888, 16.6283, 6.5399



13.3892, 8.5362, 9.3724

Triad

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



13.3892, 16.6270, 6.5401



13.3892, -12.1192, 6.5943



13.3892, -0.7677, -26.0154

Complementary

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



13.3888, 16.6283, 6.5399



23.1239, -11.2735, -2.1102

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.



13.3892, -7.9835, -20.8887



13.3888, 16.6283, 6.5399



13.3892, -13.5046, 0.7788

Square

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



13.3892, 16.6270, 6.5401



13.3892, -7.9129, 9.3724



13.3892, -12.1522, -9.5390



13.3892, 8.4218, -21.0043

Rectangle

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



13.3888, 16.6283, 6.5399



13.3892, 2.3000, 9.3724



13.3892, -12.1522, -9.5390



13.3892, -3.4850, -25.3922

Sweetspot

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



13.3892, 16.6270, 6.5401



27.3117, 5.2134, 3.7202



14.9638, 22.9726, -15.3523



13.8718, 2.9826, 2.0017



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



13.3892, 16.6270, 6.5401



15.8465, 25.5398, 9.7048



18.0342, 5.4042, 9.7213



12.3075, 0.2117, 0.9598



16.3652, 28.0238, 10.5748



40.4018, 69.1874, 26.1067

Inverse Universe

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



23.1239, -11.2735, -2.1102



29.8524, -15.5965, -3.0743



15.4401, -0.4270, -14.6980



12.9552, -1.5162, 0.4273



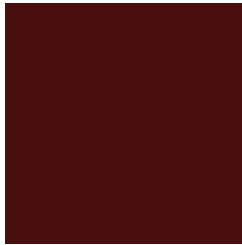
31.4920, -16.6943, -3.3241



77.7471, -41.2144, -8.2071

Previews

White Background



This preview shows how the HunterLab color 13.3888, 16.6283, 6.5399 looks on a white background.

Color Contrast Check

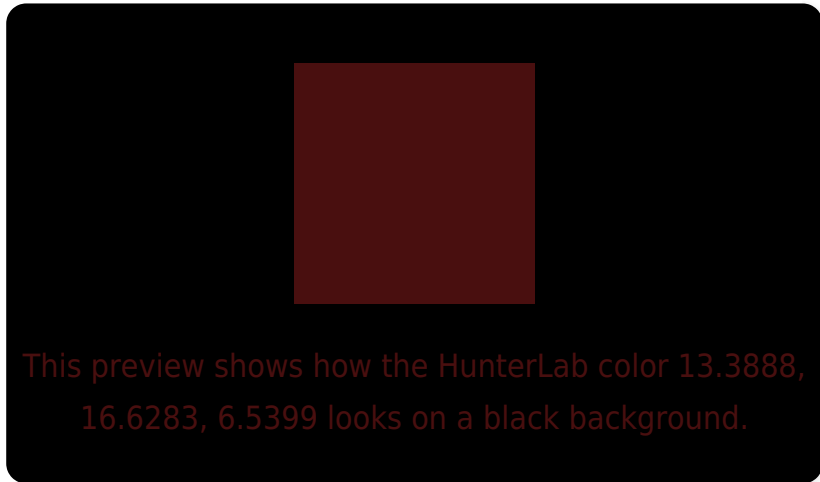
Large Text (above 18pt) WCAG AA ✓ Pass

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

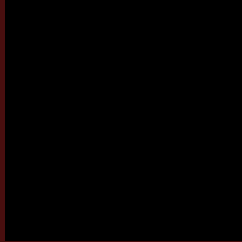
Any Text WCAG AA × Fail

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 13.3888, 16.6283, 6.5399 Background



This preview shows how black text looks on a background with the HunterLab color 13.3888, 16.6283, 6.5399.

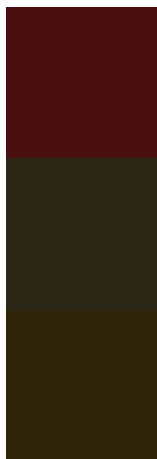


This preview shows how white text looks on a background with the HunterLab color 13.3888, 16.6283,

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

13.3888, 16.6283, 6.5399

Protanopia

14.1464, -1.7260, 5.5054

Deuteranopia

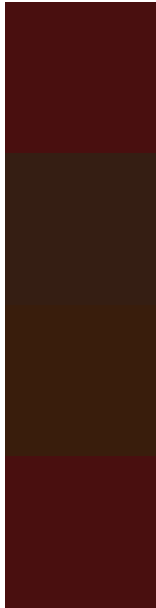
14.0479, 0.0069, 7.4444



Tritanopia

13.3888, 16.6283, 6.5399

Trichromacy



Original Color

13.3888, 16.6283, 6.5399

Protanomaly

13.1622, 4.7674, 5.4187

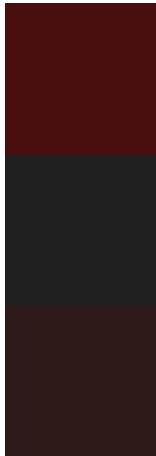
Deuteranomaly

13.3234, 6.0656, 6.7682

Tritanomaly

13.3888, 16.6283, 6.5399

Monochromacy



Original Color

13.3888, 16.6283, 6.5399

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.9068, 5.0705, 2.5593

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3888, 16.6283, 6.5399 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(73, 15, 15)` looks like.

```
.text, #text, p{  
    color:rgb(73, 15, 15)  
}
```

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(73, 15, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 15, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3888, 16.6283, 6.5399 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(73, 15, 15) }
```


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

```
.border{ border-color:rgb(73, 15, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 15, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 15, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 15, 15);  
box-shadow:4px 4px 4px 4px rgb(73, 15, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.3888, 16.6283, 6.5399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 15, 15) }
```

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

```
.background{ background-color: rgb(73, 15,  
15) }
```

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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