

Converting Colors

HunterLab(12.0787, 17.1252,
4.1972)

Have a look what the booklet for
HunterLab(12.0787, 17.1252,
4.1972) contains.

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Color

**HunterLab(12.1592, 17.1387,
4.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	440915
RGB	68, 9, 21
RGB Percent	27%, 4%, 8%
CMY	0.7333, 0.9647, 0.9176
CMYK	0.00, 0.87, 0.69, 0.73
HSL	348°, 77%, 15%
HSV	348°, 87%, 27%
XYZ	2.6169, 1.4785, 0.8569
YIQ	28.0090, 31.3120, 16.2400

Conversions

Conversions Part 2

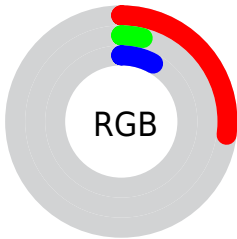
Format	Color
R_{YB}	68, 9, 21
Decimal	4458773
CIE _{Lab}	12.47, 28.26, 9.24
CIE _{LCh}	12, 29.735, 18.113
Yxy	1.4785, 0.5284, 0.2985
Android (android.graphics.Color)	4282648853 (0xFF440915)
YUV	28.0090, -3.4554, 35.0721
Hunter-Lab	12.1592, 17.1387, 4.3330

Details

The HunterLab color **12.1592, 17.1387, 4.3330** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **21.1610, -12.6223, 2.3341**, and the grayscale version is **10.7830, -0.5754, 0.5859**.

A 20% lighter version of the original color is **26.9782, 19.6546, 6.6329**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.4585, 18.8654, 4.9381**, and if you desaturate by 10%, it is **12.9237, 15.4690, 3.6378**.

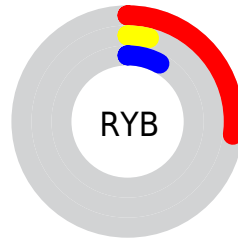
Distribution



Red (27%)

Green (4%)

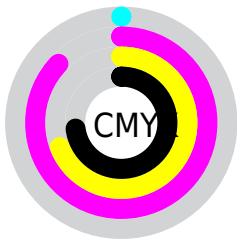
Blue (8%)



Red (27%)

Yellow (4%)

Blue (8%)

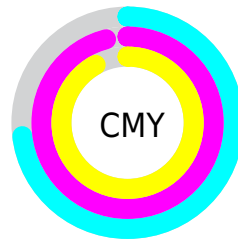


Cyan (0%)

Magenta (87%)

Yellow (69%)

Black (73%)



Cyan (73%)

Magenta (96%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1592, 17.1387, 4.3330 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 12.1592, 17.1387, 4.3330 by changing the saturation by 10% instead.

12.1592, 17.1387,
4.3330

12.1592, 17.1387,
4.3330

103.2123, 25.1998,
14.2617

5.2303, 23.4262,
3.6612

27.0107, 19.7830,
6.6405

0.0000, NaN, NaN

0.0000, NaN, NaN

35.7869, 20.8897,
7.7387

0.0000, NaN, NaN

45.3496, 21.8648,
8.8217

0.0000, NaN, NaN

55.6387, 22.7223,
9.8998

0.0000, NaN, NaN

0.0000, NaN, NaN


66.6062, 23.4748,
10.9793


0.0000, NaN, NaN


78.2124, 24.1330,

0.0000, NaN, NaN


12.0643


 90.4240, 24.7055,
13.1578


 12.1592, 17.1387,
4.3330


 12.1592, 17.1387,
4.3330


 11.4585, 18.8654,
4.9381

 12.9237, 15.4690,
3.6378

 11.2257, 19.5027,
5.0968

 13.8907, 13.4834,
3.0129

 15.0425, 11.3053,
2.4863

 16.3557, 9.0400,
2.0663

 17.8076, 6.7587,
1.7498

■ 19.3782, 4.5033,
1.5273

■ 21.0503, 2.2948,
1.3873

■ 22.8099, 0.1411,
1.3182

■ 24.6454, -1.9572,
1.3095

Harmonies

Analogous

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



12.1596, 17.7791, -2.6582



12.1592, 17.1387, 4.3330



12.1596, 11.0697, 8.5117

Triad

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



12.1596, 17.1375, 4.3333



12.1596, -9.9488, 7.9496



12.1596, -3.5866, -23.2068

Complementary

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



12.1592, 17.1387, 4.3330



21.1610, -12.6223, 2.3341

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.



12.1596, -9.1303, -15.4671



12.1592, 17.1387, 4.3330



12.1596, -12.4432, 3.2488

Square

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



12.1596, 17.1375, 4.3333



12.1596, -4.9693, 8.5117



12.1596, -12.1436, -4.6608



12.1596, 4.3728, -22.2002

Rectangle

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



12.1592, 17.1387, 4.3330



12.1596, 5.4606, 8.5117



12.1596, -12.1436, -4.6608



12.1596, -5.7497, -21.4095

Sweetspot

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



12.1596, 17.1375, 4.3333



25.4751, 6.0390, 2.0219



11.9633, 19.7768, -19.3854



13.0870, 3.3791, 1.0721



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.



12.1596, 17.1375, 4.3333



14.7662, 25.5865, 7.2235



14.0538, 10.9237, 7.7603



11.5862, 0.2611, 0.6825



16.0790, 27.8434, 8.0056



40.1318, 69.2112, 22.1785

Inverse Universe

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



12.1596, 17.1375, 4.3333



14.7662, 25.5865, 7.2235



16.9353, -4.8423, -8.7955



11.5862, 0.2611, 0.6825



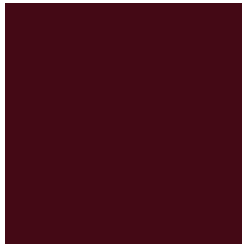
16.0790, 27.8434, 8.0056



40.1318, 69.2112, 22.1785

Previews

White Background



This preview shows how the HunterLab color 12.1592, 17.1387, 4.3330 looks on a white background.

Color Contrast Check

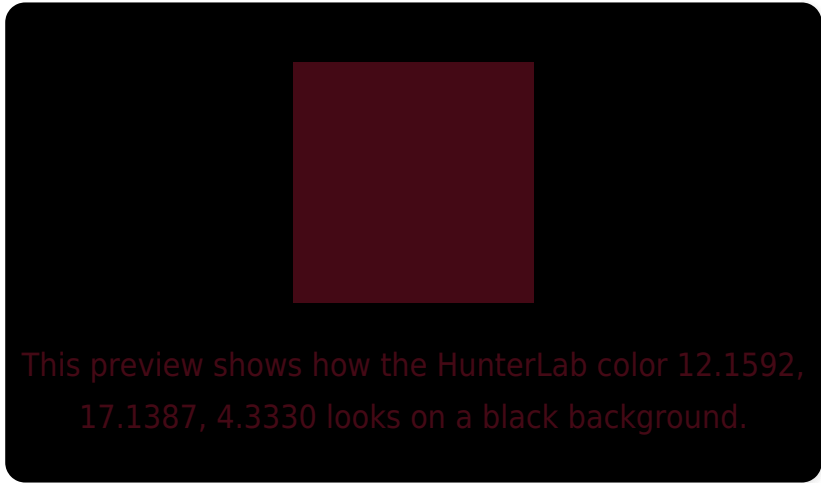
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.1592, 17.1387, 4.3330 Background



This preview shows how black text looks on a background with the HunterLab color 12.1592, 17.1387, 4.3330.



This preview shows how white text looks on a background with the HunterLab color 12.1592, 17.1387,

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

12.1592, 17.1387, 4.3330

Protanopia

12.9966, -0.7921, 2.3911

Deuteranopia

13.0435, 0.1301, 5.4383



Tritanopia

12.3128, 15.7939, 6.3390

Trichromacy



Original Color

12.1592, 17.1387, 4.3330

Protanomaly

12.0262, 5.4651, 2.3941

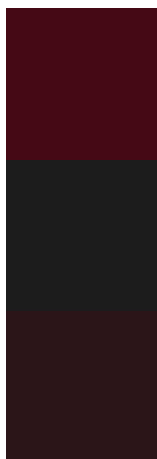
Deuteranomaly

12.1340, 6.4414, 4.5793

Tritanomaly

12.2588, 16.2571, 5.6526

Monochromacy



Original Color

12.1592, 17.1387, 4.3330

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.5835, 5.7639, 1.4702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1592, 17.1387, 4.3330 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(68, 9, 21)` looks like.

```
.text, #text, p{  
    color:rgb(68, 9, 21)  
}
```

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(68, 9, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 9, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1592, 17.1387, 4.3330 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(68, 9, 21) }
```


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

```
.border{ border-color:rgb(68, 9, 21) }
```

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

Here you see how a box with a 4 pixel rgb(68, 9, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 9, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(68, 9, 21); box-shadow:4px  
4px 4px 4px rgb(68, 9, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.1592, 17.1387, 4.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 9, 21) }
```

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

```
.background{ background-color: rgb(68, 9,  
21) }
```

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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