

Converting Colors

HunterLab(13.8338, 36.0570,
-1.2062)

Have a look what the booklet for
HunterLab(13.8338, 36.0570,
-1.2062) contains.

HunterLab(15.8398, 28.2742, 1.3361)	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(15.8398, 28.2742,
1.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	5D002C
RGB	93, 0, 44
RGB Percent	36%, 0%, 17%
CMY	0.6353, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.53, 0.64
HSL	332°, 100%, 18%
HSV	332°, 100%, 36%
XYZ	4.9688, 2.5090, 2.6053
YIQ	32.8230, 41.3040, 33.4000

Conversions

Conversions Part 2

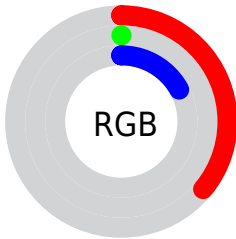
Format	Color
RYB	93, 0, 44
Decimal	6094892
CIELab	17.96, 40.58, 0.92
CIELCh	18, 40.589, 1.298
Yxy	2.5091, 0.4928, 0.2488
Android (android.graphics.Color)	4284284972 (0xFF5D002C)
YUV	32.8230, 5.5103, 52.7752
Hunter-Lab	15.8398, 28.2742, 1.3361

Details

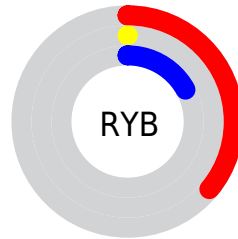
The HunterLab color **15.8398, 28.2742, 1.3361** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28.3734, -21.5390, 11.0330**, and the grayscale version is **12.2518, -0.6537, 0.6657**.

A 20% lighter version of the original color is **31.8514, 31.5722, 2.5864**, and **7.3326, 12.5871, 4.5065** is the 20% darker color. If you saturate the color by 10%, you get **15.8397, 28.2738, 1.3373**, and if you desaturate by 10%, it is **16.5834, 26.6005, 0.3349**.

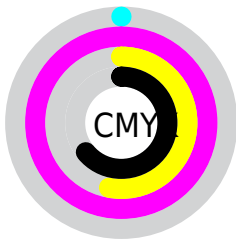
Distribution



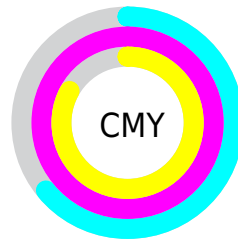
- Red (36%)
- Green (0%)
- Blue (17%)



- Red (36%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8398, 28.2742, 1.3361 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 15.8398, 28.2742, 1.3361 by changing the saturation by 10% instead.

15.8398, 28.2742,
1.3361

15.8398, 28.2742,
1.3361

110.4676, 40.1258,
6.9297

9.3873, 26.6144,
0.9171

31.7263, 31.6796,
2.3284

0.0000, INF, NaN

0.0000, NaN, NaN

40.9425, 33.2220,
2.8844

0.0000, NaN, NaN

50.9105, 34.6407,
3.4772

0.0000, NaN, NaN

0.0000, NaN, NaN

61.5773, 35.9414,
4.1047

0.0000, NaN, NaN


72.8999, 37.1321,
4.7651


0.0000, NaN, NaN


84.8422, 38.2214,


0.0000, NaN, NaN


5.4570


 97.3736, 39.2169,
6.1789


 15.8398, 28.2742,
1.3361


 15.8398, 28.2742,
1.3361


 15.8397, 28.2738,
1.3373

 16.5834, 26.6005,
0.3349

 17.4475, 24.7291,
-0.5925

 18.6170, 22.1574,
-1.1887

 20.0720, 19.0885,
-1.4503

 21.7818, 15.7212,
-1.4085

■ 23.7133, 12.2098,
-1.1097

■ 25.8349, 8.6578,
-0.6013

■ 28.1191, 5.1263,
0.0746

■ 30.5428, 1.6467,
0.8835

Harmonies

Analogous

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



15.8403, 23.9190, -13.1285



15.8398, 28.2742, 1.3361



15.8403, 23.1400, 8.5029

Triad

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



15.8403, 28.2725, 1.3366



15.8403, -10.8672, 11.0882



15.8403, -10.2162, -31.4324

Complementary

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



15.8398, 28.2742, 1.3361



28.3734, -21.5390, 11.0330

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.



15.8403, -15.7800, -14.6418



15.8398, 28.2742, 1.3361



15.8403, -16.0725, 8.0860

Square

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



15.8403, 28.2725, 1.3366



15.8403, -1.3494, 11.0882



15.8403, -17.5729, 0.3727



15.8403, -0.3363, -38.5376

Rectangle

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



15.8398, 28.2742, 1.3361



15.8403, 15.6959, 11.0882



15.8403, -17.5729, 0.3727



15.8403, -12.5409, -26.3324

Sweetspot

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



15.8403, 28.2725, 1.3366



33.5327, 11.7507, -0.8573



11.9169, 27.0364, -43.7067



16.3931, 6.5349, -0.5317



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



15.8403, 28.2725, 1.3366



20.6755, 36.8217, 2.3971



15.3654, 25.7485, 9.9181



15.3750, 0.6188, 0.4917



18.8132, 33.5300, 1.9881



43.8229, 77.7272, 7.5491

Inverse Universe

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



15.8403, 28.2725, 1.3366



20.6755, 36.8217, 2.3971



28.8958, -15.0137, -3.7061



15.3750, 0.6188, 0.4917



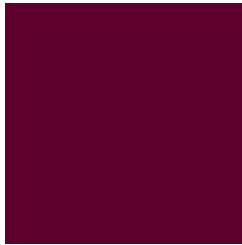
18.8132, 33.5300, 1.9881



43.8229, 77.7272, 7.5491

Previews

White Background



This preview shows how the HunterLab color 15.8398, 28.2742, 1.3361 looks on a white background.

Color Contrast Check

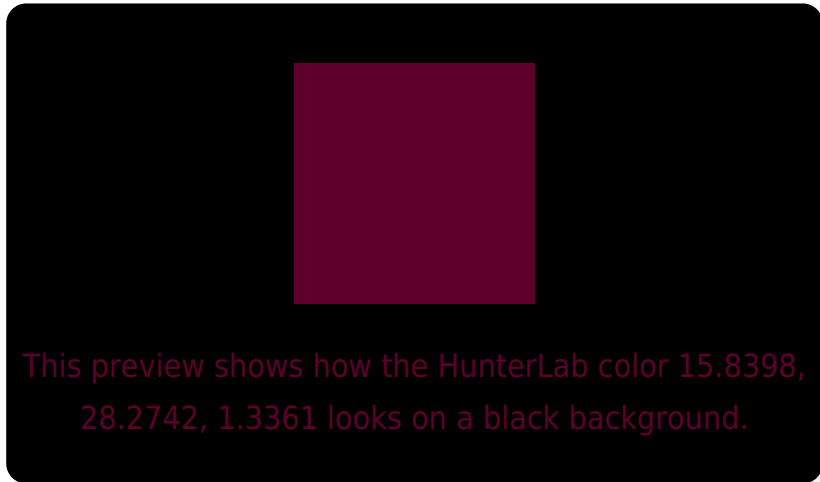
Large Text (above 18pt) WCAG AA ✓ Pass

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

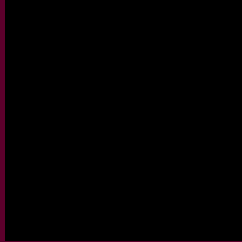
Any Text WCAG AA × Fail

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 15.8398, 28.2742, 1.3361 Background



This preview shows how black text looks on a background with the HunterLab color 15.8398, 28.2742, 1.3361.



This preview shows how white text looks on a background with the HunterLab color 15.8398, 28.2742,

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

15.8398, 28.2742, 1.3361

Protanopia

17.3768, 0.6239, -5.8315

Deuteranopia

17.1696, 1.0474, 3.6659



Tritanopia

16.5783, 21.9284, 8.7028

Trichromacy



Original Color

15.8398, 28.2742, 1.3361

Protanomaly

15.1641, 11.3084, -5.5927

Deuteranomaly

15.1790, 12.1711, 1.3722

Tritanomaly

16.1052, 24.2527, 6.5313

Monochromacy



Original Color

15.8398, 28.2742, 1.3361

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.1743, 10.6238, -0.8363

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8398, 28.2742, 1.3361 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(93, 0, 44)` looks like.

```
.text, #text, p{  
    color:rgb(93, 0, 44)  
}
```

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(93, 0, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 0, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8398, 28.2742, 1.3361 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(93, 0, 44) }
```


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

```
.border{ border-color:rgb(93, 0, 44) }
```

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

Here you see how a box with a 4 pixel rgb(93, 0, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 0, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 0, 44); box-shadow:4px  
4px 4px 4px rgb(93, 0, 44) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.8398, 28.2742, 1.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 0, 44) }
```

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

```
.background{ background-color: rgb(93, 0,  
44) }
```

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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