

Converting Colors

HunterLab(13.8151, 20.9848,
8.0487)

Have a look what the booklet for
HunterLab(13.8151, 20.9848,
8.0487) contains.

HunterLab(13.8442, 20.9985, 8.0375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(13.8442, 20.9985,
8.0375)**

Conversions

Conversions Part 1	
Format	Color
Hex	510707
RGB	81, 7, 7
RGB Percent	32%, 3%, 3%
CMY	0.6824, 0.9725, 0.9725
CMYK	0.00, 0.91, 0.91, 0.68
HSL	0°, 84%, 17%
HSV	0°, 91%, 32%
XYZ	3.5077, 1.9166, 0.3861
YIQ	29.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

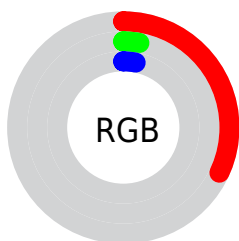
Format	Color
RYB	81, 7, 7
Decimal	5310215
CIELab	15.04, 32.66, 20.42
CIELCh	15, 38.514, 32.011
Yxy	1.9167, 0.6037, 0.3299
Android (android.graphics.Color)	4283500295 (0xFF510707)
YUV	29.1260, -10.9081, 45.4935
Hunter-Lab	13.8442, 20.9985, 8.0375

Details

The HunterLab color **13.8442, 20.9985, 8.0375** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **25.5404, -13.1425, -2.5632**, and the grayscale version is **11.1474, -0.5948, 0.6057**.

A 20% lighter version of the original color is **29.1690, 24.1401, 11.7927**, and **4.4315, 7.6385, 2.4802** is the 20% darker color. If you saturate the color by 10%, you get **13.2267, 22.6483, 8.5467**, and if you desaturate by 10%, it is **14.5901, 19.1537, 7.4739**.

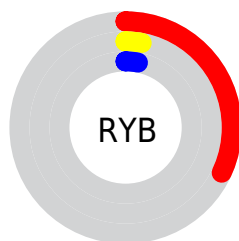
Distribution



Red (32%)

Green (3%)

Blue (3%)



Red (32%)

Yellow (3%)

Blue (3%)

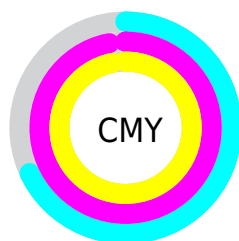


Cyan (0%)

Magenta (91%)

Yellow (91%)

Black (68%)



Cyan (68%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.8442, 20.9985, 8.0375 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 13.8442, 20.9985, 8.0375 by changing the saturation by 10% instead.



13.8442, 20.9985,
8.0375



13.8442, 20.9985,
8.0375



106.5929, 30.4355,
24.0856



7.4727, 21.0233,
5.2309



29.1898, 23.9284,
11.8960

0.0000, INF, NaN

0.0000, NaN, NaN



38.1749, 25.1938,
13.8172

0.0000, NaN, NaN



47.9297, 26.3294,
15.6449

0.0000, NaN, NaN

0.0000, NaN, NaN



58.3976, 27.3465,
17.4064

0.0000, NaN, NaN



69.5329, 28.2565,
19.1199


0.0000, NaN, NaN


0.0000, NaN, NaN





81.2979, 29.0691,


20.7985


 93.6604, 29.7930,
22.4514


 13.8442, 20.9985,
8.0375


 13.8442, 20.9985,
8.0375


 13.2267, 22.6483,
8.5467

 14.5901, 19.1537,
7.4739

 15.5978, 16.8822,
6.7855

 16.8694, 14.3123,
6.0161

 18.3742, 11.6098,
5.2190

 20.0799, 8.8918,
4.4311

■ 21.9564, 6.2274,
3.6734

■ 23.9776, 3.6498,
2.9553

■ 26.1219, 1.1699,
2.2788

■ 28.3719, -1.2139,
1.6421

Harmonies

Analogous

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



13.8446, 25.9189, 1.4137



13.8442, 20.9985, 8.0375



13.8446, 10.1222, 9.6912

Triad

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



13.8446, 20.9969, 8.0377



13.8446, -14.5226, 7.3368



13.8446, -0.0205, -35.7169

Complementary

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



13.8442, 20.9985, 8.0375



25.5404, -13.1425, -2.5632

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.



13.8446, -9.0298, -29.4009



13.8442, 20.9985, 8.0375



13.8446, -15.9330, 0.0593

Square

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



13.8446, 20.9969, 8.0377



13.8446, -9.9336, 9.6912



13.8446, -14.0972, -13.8703



13.8446, 11.7352, -27.6179

Rectangle

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



13.8442, 20.9985, 8.0375



13.8446, 2.1935, 9.6912



13.8446, -14.0972, -13.8703



13.8446, -3.4469, -35.2007

Sweetspot

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



13.8446, 20.9969, 8.0377



29.5228, 6.9556, 4.4641



15.7966, 28.3406, -18.9878



14.7947, 3.8570, 2.3615



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.



13.8446, 20.9969, 8.0377



17.2518, 29.5416, 11.1477



18.8838, 7.9046, 11.1434



13.8019, 0.2763, 1.0894



41.4302, 70.9479, 26.7711

Inverse Universe

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



25.5404, -13.1425, -2.5632



33.1974, -17.5980, -3.5049



15.6224, 0.9226, -19.9010



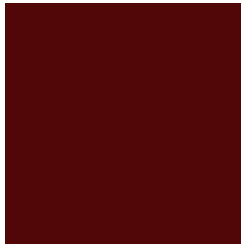
14.5565, -1.7369, 0.4689



79.7244, -42.2617, -8.4177

Previews

White Background



This preview shows how the HunterLab color 13.8442, 20.9985, 8.0375 looks on a white background.

Color Contrast Check

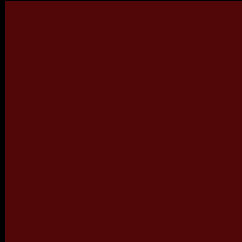
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 13.8442, 20.9985, 8.0375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

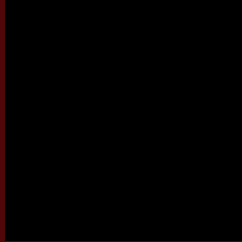
Any Text WCAG AA × Fail

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 13.8442, 20.9985, 8.0375 Background



This preview shows how black text looks on a background with the HunterLab color 13.8442, 20.9985, 8.0375.



This preview shows how white text looks on a background with the HunterLab color 13.8442, 20.9985,

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

13.8442, 20.9985, 8.0375

Protanopia

14.8271, -1.8829, 7.4421

Deuteranopia

14.7686, 0.0406, 9.1010



Tritanopia

13.8125, 20.8746, 8.5069

Trichromacy



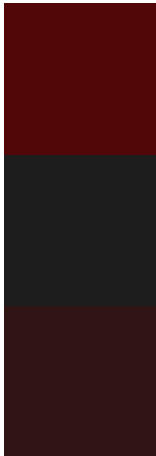
Original Color
13.8442, 20.9985, 8.0375

Protanomaly
13.5377, 6.6802, 7.0722

Deuteranomaly
13.5912, 8.5011, 8.1478

Tritanomaly
13.8205, 20.9056, 8.3893

Monochromacy



Original Color
13.8442, 20.9985, 8.0375

Achromatopsia
11.0844, -0.5914, 0.6022

Achromatomaly
11.0402, 6.9118, 3.1138

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8442, 20.9985, 8.0375 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(81, 7, 7)` looks like.

```
.text, #text, p{  
    color:rgb(81, 7, 7)  
}
```

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(81, 7, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 7, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8442, 20.9985, 8.0375 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(81, 7, 7) }
```

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

```
.border{ border-color:rgb(81, 7, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 7, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 7, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(81, 7, 7); box-shadow:4px  
4px 4px 4px rgb(81, 7, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.8442, 20.9985, 8.0375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 7, 7) }
```

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

```
.background{ background-color: rgb(81, 7,  
7) }
```

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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