

Converting Colors

HunterLab(13.3580, 17.5301,
2.0592)

Have a look what the booklet for
HunterLab(13.3580, 17.5301,
2.0592) contains.

HunterLab(13.2796, 17.4902, 2.0649)	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(13.2796, 17.4902,
2.0649)**

Conversions

Conversions Part 1

Format	Color
Hex	470E21
RGB	71, 14, 33
RGB Percent	28%, 5%, 13%
CMY	0.7216, 0.9451, 0.8706
CMYK	0.00, 0.80, 0.54, 0.72
HSL	340°, 67%, 17%
HSV	340°, 80%, 28%
XYZ	3.0301, 1.7635, 1.6195
YIQ	33.2090, 27.8730, 17.9930

Conversions

Conversions Part 2

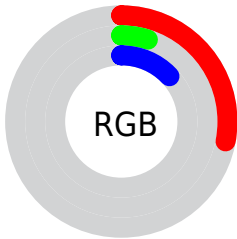
Format	Color
R_YB	71, 14, 33
Decimal	4656673
CIE Lab	14.19, 28.39, 2.87
CIE LCh	14, 28.540, 5.777
Yxy	1.7636, 0.4725, 0.2750
Android (android.graphics.Color)	4282846753 (0xFF470E21)
YUV	33.2090, -0.1030, 33.1427
Hunter-Lab	13.2796, 17.4902, 2.0649




Details

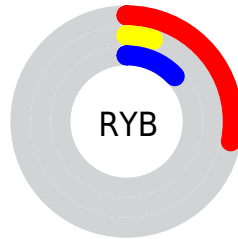
The HunterLab color **13.2796, 17.4902, 2.0649** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.0178, -13.7696, 4.5766**, and the grayscale version is **12.3928, -0.6612, 0.6733**.




A 20% lighter version of the original color is **28.4328, 20.4092, 3.2365**, and **2.4099, 4.1271, 1.5572** is the 20% darker color. If you saturate the color by 10%, you get **12.5482, 19.0981, 2.7962**, and if you desaturate by 10%, it is **14.2055, 15.5282, 1.4654**.

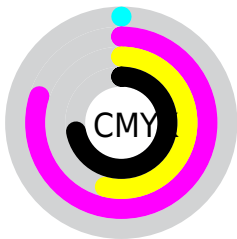
Distribution







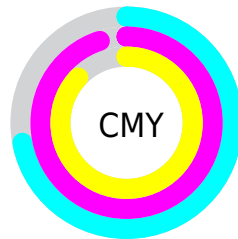
-  Red (28%)
-  Green (5%)
-  Blue (13%)






-  Red (28%)
-  Yellow (5%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (54%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (95%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2796, 17.4902, 2.0649 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 13.2796, 17.4902, 2.0649 by changing the saturation by 10% instead.

13.2796, 17.4902,
2.0649

13.2796, 17.4902,
2.0649

105.4722, 25.4313,
8.5337

6.8141, 18.7170,
2.1184

28.4638, 20.0980,
3.3192

0.0000, INF, NaN

0.0000, NaN, NaN

37.3804, 21.1871,
3.9837

0.0000, NaN, NaN

47.0722, 22.1469,
4.6753

0.0000, NaN, NaN

0.0000, NaN, NaN

57.4814, 22.9913,
5.3941

0.0000, NaN, NaN


68.5615, 23.7326,
6.1399


0.0000, NaN, NaN


80.2743, 24.3808,


0.0000, NaN, NaN


6.9121


 92.5872, 24.9447,
7.7103


 13.2796, 17.4902,
2.0649


 13.2796, 17.4902,
2.0649

 12.5482, 19.0981,
2.7962


 14.2055, 15.5282,
1.4654

 11.8497, 20.8377,
3.4339

 15.3308, 13.2817,
1.0372

 16.6327, 10.8764,
0.7769

 18.0877, 8.4056,
0.6686

 19.6741, 5.9291,
0.6918

■ 21.3731, 3.4810,
0.8258

■ 23.1690, 1.0777,
1.0519

■ 25.0488, -1.2751,
1.3545

■ 27.0018, -3.5778,
1.7207

Harmonies

Analogous

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



13.2800, 15.6913, -6.4610



13.2796, 17.4902, 2.0649



13.2800, 13.5822, 6.8653

Triad

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



13.2800, 17.4890, 2.0652



13.2800, -8.3113, 8.8845



13.2800, -6.2599, -19.6357

Complementary

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



13.2796, 17.4902, 2.0649



22.0178, -13.7696, 4.5766

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.



13.2800, -10.7220, -10.4447



13.2796, 17.4902, 2.0649



13.2800, -11.7035, 5.3122

Square

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



13.2800, 17.4890, 2.0652



13.2800, -2.1686, 9.2960



13.2800, -12.4818, -0.7761



13.2800, 0.8158, -22.3482

Rectangle

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



13.2796, 17.4902, 2.0649



13.2800, 8.6973, 9.0231



13.2800, -12.4818, -0.7761



13.2800, -8.0597, -17.0191

Sweetspot

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



13.2800, 17.4890, 2.0652



26.7465, 6.0020, 0.9764



12.2442, 18.0894, -21.0045



13.3315, 3.3021, 0.4792



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.



13.2800, 17.4890, 2.0652



15.6678, 26.2264, 4.6563



14.1572, 12.9782, 7.2103



12.3343, 0.3568, 0.5767



16.6994, 29.2606, 5.6556



41.0361, 71.5349, 16.7538

Inverse Universe

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



13.2800, 17.4890, 2.0652



15.6678, 26.2264, 4.6563



19.8482, -7.6279, -5.7104



12.3343, 0.3568, 0.5767



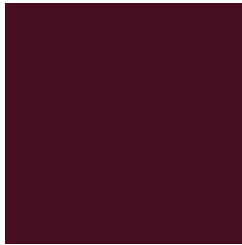
16.6994, 29.2606, 5.6556



41.0361, 71.5349, 16.7538

Previews

White Background



This preview shows how the HunterLab color 13.2796, 17.4902, 2.0649 looks on a white background.

Color Contrast Check

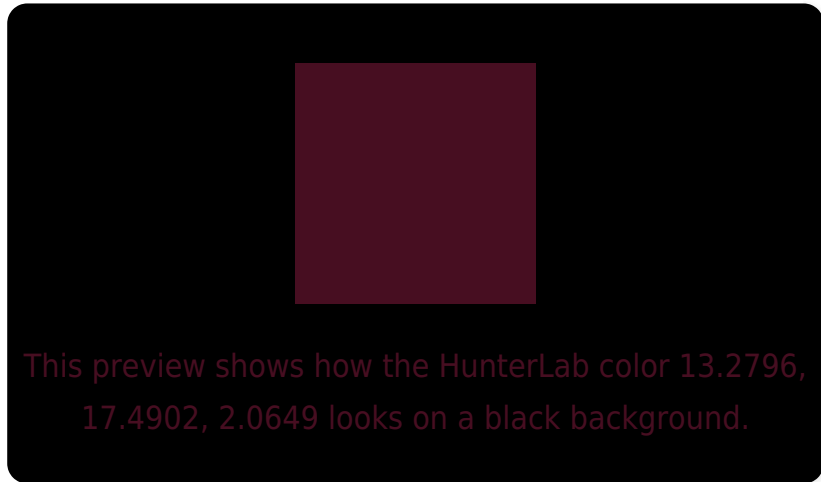
Large Text (above 18pt) WCAG AA ✓ Pass

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

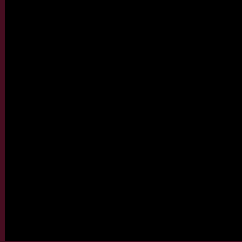
Any Text WCAG AA × Fail

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 13.2796, 17.4902, 2.0649 Background



This preview shows how black text looks on a background with the HunterLab color 13.2796, 17.4902, 2.0649.



This preview shows how white text looks on a background with the HunterLab color 13.2796, 17.4902,

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

13.2796, 17.4902, 2.0649

Protanopia

14.0321, -0.0086, -1.8435

Deuteranopia

14.0526, 0.5342, 3.4862



Tritanopia

13.3356, 14.8278, 5.9326

Trichromacy



Original Color

13.2796, 17.4902, 2.0649

Protanomaly

13.0069, 6.1427, -1.4403

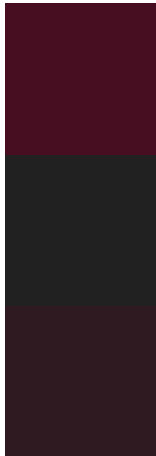
Deuteranomaly

13.2738, 6.4633, 2.5021

Tritanomaly

13.2848, 15.4606, 4.8389

Monochromacy



Original Color

13.2796, 17.4902, 2.0649

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.0538, 5.8014, 0.4517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2796, 17.4902, 2.0649 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(71, 14, 33)` looks like.

```
.text, #text, p{  
    color:rgb(71, 14, 33)  
}
```

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(71, 14, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 14, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2796, 17.4902, 2.0649 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(71, 14, 33) }
```


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

```
.border{ border-color:rgb(71, 14, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 14, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 14, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 14, 33);  
box-shadow:4px 4px 4px 4px rgb(71, 14, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.2796, 17.4902, 2.0649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 14, 33) }
```

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

```
.background{ background-color: rgb(71, 14,  
33) }
```

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