

Converting Colors

HunterLab(17.0470, 30.5304,
0.6512)

Have a look what the booklet for
HunterLab(17.0470, 30.5304,
0.6512) contains.

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Color

**HunterLab(16.9792, 30.4337,
0.4581)**

Conversions

Conversions Part 1

Format	Color
Hex	630032
RGB	99, 0, 50
RGB Percent	39%, 0%, 20%
CMY	0.6118, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.49, 0.61
HSL	330°, 100%, 19%
HSV	330°, 100%, 39%
XYZ	5.7213, 2.8829, 3.2725
YIQ	35.3010, 42.9540, 36.5380

Conversions

Conversions Part 2

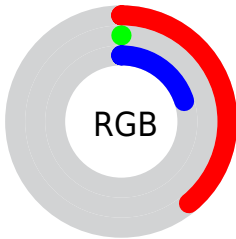
Format	Color
R _Y B	99, 0, 50
Decimal	6488114
CIE Lab	19.57, 42.64, -0.86
CIE LCh	20, 42.647, 358.849
Yxy	2.8831, 0.4817, 0.2427
Android (android.graphics.Color)	4284678194 (0xFF630032)
YUV	35.3010, 7.2466, 55.8640
Hunter-Lab	16.9792, 30.4337, 0.4581

Details

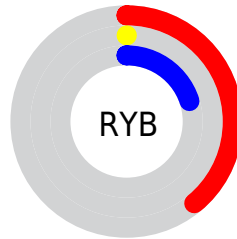
The HunterLab color **16.9792, 30.4337, 0.4581** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **30.2416, -23.3132, 12.5281**, and the grayscale version is **13.0293, -0.6952, 0.7079**.

A 20% lighter version of the original color is **33.0851, 34.1081, 1.1527**, and **8.4154, 14.4637, 5.0341** is the 20% darker color. If you saturate the color by 10%, you get **16.9791, 30.4333, 0.4595**, and if you desaturate by 10%, it is **17.7274, 28.7911, -0.6192**.

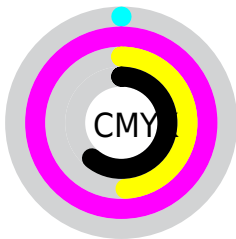
Distribution



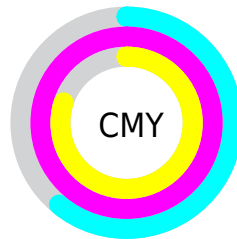
- Red (39%)
- Green (0%)
- Blue (20%)



- Red (39%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.9792, 30.4337, 0.4581 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 16.9792, 30.4337, 0.4581 by changing the saturation by 10% instead.

■ 16.9792, 30.4337,
0.4581

■ 16.9792, 30.4337,
0.4581

■ 112.6262, 42.7945,
5.2644

■ 10.3490, 28.7258,
0.1664

■ 33.1564, 33.9356,
1.2257

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.4978, 35.5336,
1.6851

0.0000, NaN, NaN

■ 52.5815, 37.0104,
2.1885

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.3566, 38.3705,
2.7323

0.0000, NaN, NaN


■ 74.7811, 39.6213,
3.3140


0.0000, NaN, NaN


■ 86.8202, 40.7708,


0.0000, NaN, NaN


3.9311


 99.4439, 41.8262,
4.5818


 16.9792, 30.4337,
0.4581


 16.9792, 30.4337,
0.4581


 16.9791, 30.4333,
0.4595

 17.7274, 28.7911,
-0.6192

 18.6289, 26.8333,
-1.5694

 19.8612, 24.0921,
-2.1339

 21.4035, 20.7901,
-2.3162

 23.2232, 17.1466,
-2.1571

■ 25.2845, 13.3347,
-1.7126

■ 27.5530, 9.4711,
-1.0388

■ 29.9989, 5.6255,
-0.1842

■ 32.5966, 1.8341,
0.8121

Harmonies

Analogous

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



16.9797, 24.9528, -15.6709



16.9792, 30.4337, 0.4581



16.9797, 25.6960, 8.6724

Triad

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



16.9797, 30.4319, 0.4586



16.9797, -11.0191, 11.8858



16.9797, -11.6388, -32.6048

Complementary

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



16.9792, 30.4337, 0.4581



30.2416, -23.3132, 12.5281

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.



16.9797, -17.2495, -14.2265



16.9792, 30.4337, 0.4581



16.9797, -16.9714, 9.0345

Square

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



16.9797, 30.4319, 0.4586



16.9797, -0.4215, 11.8858



16.9797, -18.8771, 1.3770



16.9797, -1.3869, -41.5200

Rectangle

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



16.9792, 30.4337, 0.4581



16.9797, 17.9844, 11.4884



16.9797, -18.8771, 1.3770



16.9797, -14.0071, -26.8857

Sweetspot

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



16.9797, 30.4319, 0.4586



35.8215, 12.8421, -1.4470



12.3526, 28.4432, -48.5491



17.0445, 6.9603, -0.8373



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



16.9797, 30.4319, 0.4586



22.1926, 39.6935, 1.2557



16.2986, 27.9314, 10.3589



16.1528, 0.6907, 0.4581



19.3647, 34.6708, 0.8225



44.5584, 79.4085, 4.7553

Inverse Universe

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



16.9797, 30.4319, 0.4586



22.1926, 39.6935, 1.2557



31.2943, -16.9140, -2.6017



16.1528, 0.6907, 0.4581



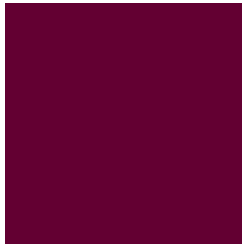
19.3647, 34.6708, 0.8225



44.5584, 79.4085, 4.7553

Previews

White Background



This preview shows how the HunterLab color 16.9792, 30.4337, 0.4581 looks on a white background.

Color Contrast Check

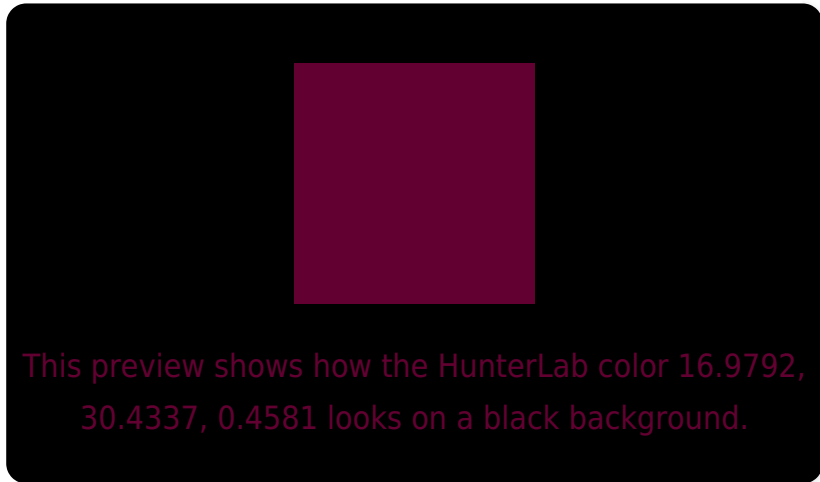
Large Text (above 18pt) WCAG AA ✓ Pass

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

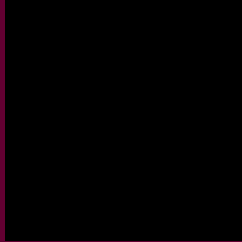
Any Text WCAG AA × Fail

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 16.9792, 30.4337, 0.4581 Background



This preview shows how black text looks on a background with the HunterLab color 16.9792, 30.4337, 0.4581.



This preview shows how white text looks on a background with the HunterLab color 16.9792, 30.4337,

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

16.9792, 30.4337, 0.4581

Protanopia

18.4212, 1.0546, -8.3631

Deuteranopia

18.4615, 0.9276, 3.0910



Tritanopia

17.7412, 23.4193, 9.1303

Trichromacy



Original Color

16.9792, 30.4337, 0.4581

Protanomaly

15.8966, 12.8508, -8.0707

Deuteranomaly

16.4137, 13.1845, 0.6305

Tritanomaly

17.2727, 25.8697, 6.6465

Monochromacy



Original Color

16.9792, 30.4337, 0.4581

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.7537, 11.4790, -1.2728

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.9792, 30.4337, 0.4581 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(99, 0, 50)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 50)  
}
```

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(99, 0, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 16.9792, 30.4337, 0.4581 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(99, 0, 50) }
```


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

```
.border{ border-color:rgb(99, 0, 50) }
```

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

Here you see how a box with a 4 pixel rgb(99, 0, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 50); box-shadow:4px  
4px 4px 4px rgb(99, 0, 50) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.9792, 30.4337, 0.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 50) }
```

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

```
.background{ background-color: rgb(99, 0,  
50) }
```

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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