

Converting Colors

HunterLab(16.4999, 28.3363,
10.0441)

Have a look what the booklet for
HunterLab(16.4999, 28.3363,
10.0441) contains.

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Color

**HunterLab(16.4999, 28.3363,
10.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	640006
RGB	100, 0, 6
RGB Percent	39%, 0%, 2%
CMY	0.6078, 1.0000, 0.9765
CMYK	0.00, 1.00, 0.94, 0.61
HSL	356°, 100%, 20%
HSV	356°, 100%, 39%
XYZ	5.2884, 2.7225, 0.4191
YIQ	30.5840, 57.6740, 23.0660

Conversions

Conversions Part 2

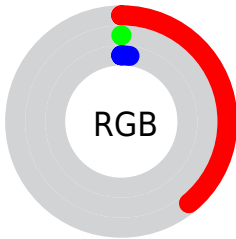
Format	Color
RYB	100, 0, 6
Decimal	6553606
CIELab	18.90, 40.46, 26.59
CIELCh	19, 48.417, 33.306
Yxy	2.7226, 0.6273, 0.3230
Android (android.graphics.Color)	4284743686 (0xFF640006)
YUV	30.5840, -12.1199, 60.8778
Hunter-Lab	16.4999, 28.3363, 10.0441

Details

The HunterLab color **16.4999, 28.3363, 10.0441** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **31.5002, -17.8503, -0.8379**, and the grayscale version is **11.6012, -0.6190, 0.6303**.

A 20% lighter version of the original color is **32.6130, 31.9342, 14.9611**, and **7.8021, 13.4174, 4.6060** is the 20% darker color. If you saturate the color by 10%, you get **16.4998, 28.3360, 10.0449**, and if you desaturate by 10%, it is **17.2111, 26.4372, 9.4592**.

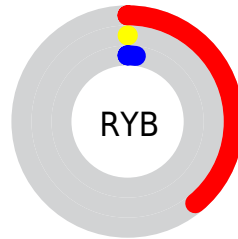
Distribution



Red (39%)

Green (0%)

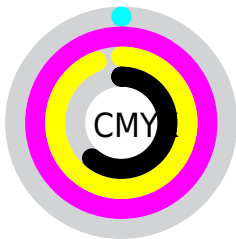
Blue (2%)



Red (39%)

Yellow (0%)

Blue (2%)

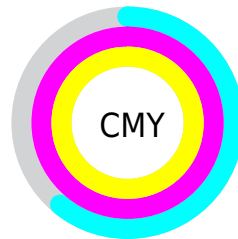


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (61%)



Cyan (61%)


Magenta (100%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 16.4999, 28.3363, 10.0441 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 16.4999, 28.3363, 10.0441 by changing the saturation by 10% instead.

 16.4999, 28.3363,
10.0441

 16.4999, 28.3363,
10.0441


 111.7226, 40.0674,
29.6331

 9.9434, 26.6519,
6.9604


 32.5564, 31.7198,
14.9739

0.0000, INF, NaN

0.0000, NaN, NaN


 41.8456, 33.2463,
17.3211

0.0000, NaN, NaN

 51.8812, 34.6493,
19.5442

0.0000, NaN, NaN

0.0000, NaN, NaN

 62.6111, 35.9349,
21.6746

0.0000, NaN, NaN

 73.9932, 37.1115,
23.7346


0.0000, NaN, NaN


 85.9919, 38.1874,


0.0000, NaN, NaN


25.7402


 98.5771, 39.1704,
27.7033


 16.4999, 28.3363,
10.0441


 16.4999, 28.3363,
10.0441


 16.4998, 28.3360,
10.0449

 17.2111, 26.4372,
9.4592

 18.1087, 24.2896,
8.6091

 19.3777, 21.4659,
7.6388

 20.9913, 18.2129,
6.6331

 22.9092, 14.7552,
5.6567

■ 25.0882, 11.2535,
4.7477

■ 27.4883, 7.8032,
3.9225

■ 30.0750, 4.4515,
3.1833

■ 32.8202, 1.2148,
2.5250

Harmonies

Analogous

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



16.5004, 35.7081, 2.3135



16.4999, 28.3363, 10.0441



16.5004, 13.1031, 11.5503

Triad

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



16.5004, 28.3341, 10.0444



16.5004, -18.7533, 8.8294



16.5004, 0.7069, -50.9227

Complementary

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



16.4999, 28.3363, 10.0441



31.5002, -17.8503, -0.8379

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.



16.5004, -11.3538, -42.5528



16.4999, 28.3363, 10.0441



16.5004, -20.1304, -0.6548

Square

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



16.5004, 28.3341, 10.0444



16.5004, -13.2563, 11.5503



16.5004, -17.9413, -20.3814



16.5004, 16.7411, -38.2879

Rectangle

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



16.4999, 28.3363, 10.0441



16.5004, 2.3894, 11.5503



16.5004, -17.9413, -20.3814



16.5004, -3.9156, -50.4928

Sweetspot

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



16.5004, 28.3341, 10.0444



36.1038, 10.7322, 5.2858



18.0690, 36.0329, -27.7962



17.4248, 6.0001, 2.7803



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



16.5004, 28.3341, 10.0444



21.8331, 37.4681, 13.5018



21.1229, 14.8516, 13.2751



16.8786, 0.4497, 1.2540



19.0866, 32.7653, 11.7213



43.5369, 74.6344, 27.5428

Inverse Universe

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



16.5004, 28.3341, 10.0444



21.8331, 37.4681, 13.5018



19.5292, 0.0740, -24.5679



16.8786, 0.4497, 1.2540



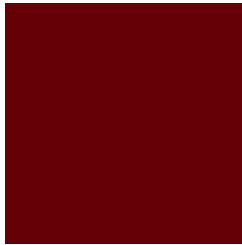
19.0866, 32.7653, 11.7213



43.5369, 74.6344, 27.5428

Previews

White Background



This preview shows how the HunterLab color 16.4999, 28.3363, 10.0441 looks on a white background.

Color Contrast Check

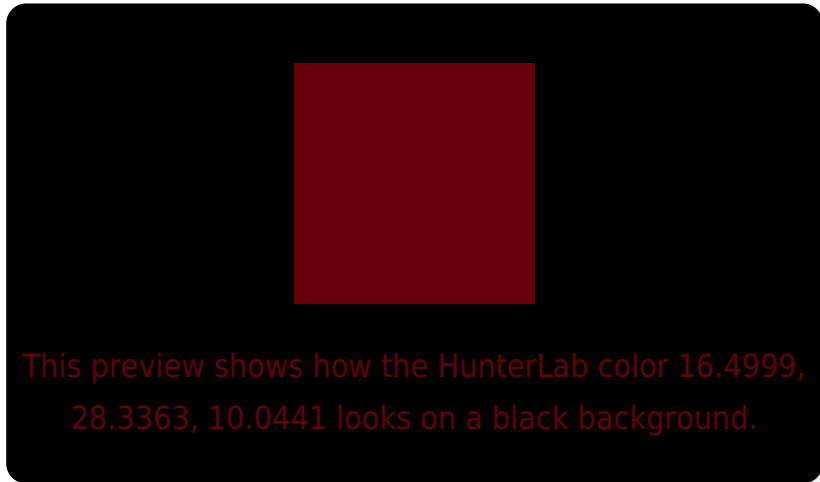
Large Text (above 18pt) WCAG AA ✓ Pass

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

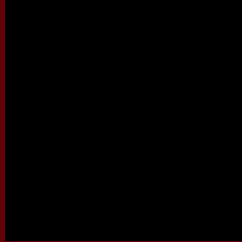
Any Text WCAG AA × Fail

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 16.4999, 28.3363, 10.0441 Background



This preview shows how black text looks on a background with the HunterLab color 16.4999, 28.3363, 10.0441.



This preview shows how white text looks on a background with the HunterLab color 16.4999, 28.3363, 10.0441.

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

16.4999, 28.3363, 10.0441

Protanopia

18.0887, -2.4715, 9.6216

Deuteranopia

17.8994, 0.3015, 11.0348



Tritanopia

16.8761, 25.9255, 10.8528

Trichromacy



Original Color

16.4999, 28.3363, 10.0441

Protanomaly

15.7354, 10.2439, 8.5648

Deuteranomaly

16.0067, 11.7049, 9.8554

Tritanomaly

16.6952, 26.6122, 10.5494

Monochromacy



Original Color

16.4999, 28.3363, 10.0441

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.8279, 9.8743, 3.6562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4999, 28.3363, 10.0441 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(100, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(100, 0, 6)  
}
```

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(100, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 0, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4999, 28.3363, 10.0441 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(100, 0, 6) }
```


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

```
.border{ border-color:rgb(100, 0, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 0, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(100, 0, 6); box-shadow:4px  
4px 4px 4px rgb(100, 0, 6) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4999, 28.3363, 10.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 0, 6) }
```

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

```
.background{ background-color: rgb(100, 0,  
6) }
```

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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