

Converting Colors

HunterLab(16.5085, 33.4704,
-29.4916)

Have a look what the booklet for
HunterLab(16.5085, 33.4704,
-29.4916) contains.

HunterLab(16.5767, 33.5945, -29.6472)	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(16.5767, 33.5945,
-29.6472)**

Conversions

Conversions Part 1

Format	Color
Hex	540061
RGB	84, 0, 97
RGB Percent	33%, 0%, 38%
CMY	0.6706, 1.0000, 0.6196
CMYK	0.13, 1.00, 0.00, 0.62
HSL	292°, 100%, 19%
HSV	292°, 100%, 38%
XYZ	5.8138, 2.7479, 11.5332
YIQ	36.1740, 18.9270, 47.9750

Conversions

Conversions Part 2

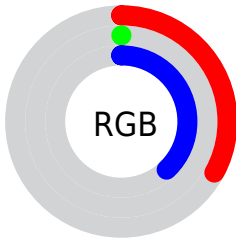
Format	Color
R_{YB}	84, 0, 97
Decimal	5505121
CIE _{Lab}	19.00, 46.12, -34.28
CIE _{LCh}	19, 57.465, 323.382
Yxy	2.7480, 0.2893, 0.1367
Android (android.graphics.Color)	4283695201 (0xFF540061)
YUV	36.1740, 29.9872, 41.9434
Hunter-Lab	16.5767, 33.5945, -29.6472

Details

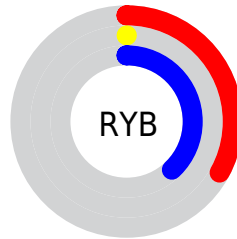
The HunterLab color **16.5767, 33.5945, -29.6472** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **29.3854, -24.4494, 17.6789**, and the grayscale version is **13.2415, -0.7065, 0.7194**.

A 20% lighter version of the original color is **32.6928, 37.1223, -30.0151**, and **7.8969, 16.4397, -17.5026** is the 20% darker color. If you saturate the color by 10%, you get **16.5768, 33.5946, -29.6471**, and if you desaturate by 10%, it is **17.3756, 31.6077, -27.3301**.

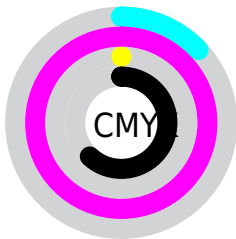
Distribution



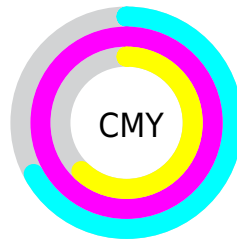
- Red (33%)
- Green (0%)
- Blue (38%)



- Red (33%)
- Yellow (0%)
- Blue (38%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (67%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5767, 33.5945, -29.6472 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 16.5767, 33.5945, -29.6472 by changing the saturation by 10% instead.

■ 16.5767, 33.5945,
-29.6472

■ 16.5767, 33.5945,
-29.6472

■ 111.8675, 47.0556,
-34.1367

■ 10.0081, 31.9232,
-30.3645

■ 32.6524, 37.2843,
-30.3345

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.9501, 39.0096,
-30.9369

0.0000, NaN, NaN

■ 51.9934, 40.6191,
-31.5587

0.0000, NaN, NaN

■ 62.7306, 42.1131,
-32.1617

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.1195, 43.4969,
-32.7275

0.0000, NaN, NaN

■ 86.1247, 44.7773,

0.0000, NaN, NaN

-33.2475

98.7161, 45.9614,
-33.7176

16.5767, 33.5945,
-29.6472

16.5767, 33.5945,
-29.6472

16.5768, 33.5946,
-29.6471

17.3756, 31.6077,
-27.3301

18.3020, 29.3250,
-24.8458

19.5364, 26.2480,
-21.8241

21.0594, 22.6124,
-18.4672

22.8412, 18.6440,
-14.9550

■ 24.8490, 14.5179,
-11.4180

■ 27.0518, 10.3517,
-7.9363

■ 29.4220, 6.2151,
-4.5515

■ 31.9362, 2.1442,
-1.2793

Harmonies

Analogous

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



16.5771, 13.8920, -58.8201



16.5767, 33.5945, -29.6472



16.5771, 44.6332, -3.0213

Triad

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



16.5771, 33.5939, -29.6463



16.5771, 2.9829, 11.6039



16.5771, -21.3415, -16.3904

Complementary

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



16.5767, 33.5945, -29.6472



29.3854, -24.4494, 17.6789

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.



16.5771, -22.4814, 4.0528



16.5767, 33.5945, -29.6472



16.5771, -11.8077, 11.6039

Square

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



16.5771, 33.5939, -29.6463



16.5771, 22.9657, 11.6039



16.5771, -19.5963, 11.6039



16.5771, -16.0281, -47.1591

Rectangle

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



16.5767, 33.5945, -29.6472



16.5771, 43.3895, 6.5326



16.5771, -19.5963, 11.6039



16.5771, -22.1719, -7.8461

Sweetspot

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



16.5771, 33.5939, -29.6463



35.1556, 14.0298, -10.7851



10.9189, 18.8559, -54.3512



17.0915, 7.7797, -6.0292



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.



16.5771, 33.5939, -29.6463



21.6342, 43.8872, -39.0276



17.0321, 31.2773, -5.3537



16.1640, 0.8492, -0.4614



19.2994, 39.1354, -34.6954



44.2967, 90.0213, -81.1574

Inverse Universe

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



16.0328, 27.6370, 8.9548



20.9664, 36.0948, 12.0810



29.4358, -23.8436, 14.6798



16.1097, 0.4585, 1.0723



18.6882, 32.1892, 10.6409



43.1019, 74.0569, 25.9638

Previews

White Background



This preview shows how the HunterLab color 16.5767, 33.5945, -29.6472 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 16.5767, 33.5945, -29.6472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

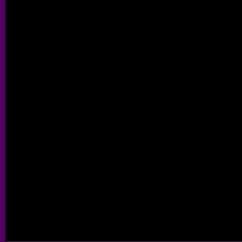
Any Text WCAG AA × Fail

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 16.5767, 33.5945, -29.6472 Background



This preview shows how black text looks on a background with the HunterLab color 16.5767, 33.5945, -29.6472.



This preview shows how white text looks on a background with the HunterLab color 16.5767, 33.5945, -29.6472.

-29.6472.

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

16.5767, 33.5945, -29.6472

Protanopia

17.5306, 4.5033, -31.6330

Deuteranopia

17.6234, -0.1585, -21.6855



Tritanopia

17.6751, 11.0187, 4.0472

Trichromacy



Original Color

16.5767, 33.5945, -29.6472

Protanomaly

14.8033, 14.5529, -38.9124

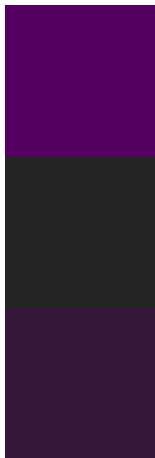
Deuteranomaly

14.5418, 12.0809, -33.0512

Tritanomaly

16.4185, 19.9434, -5.4768

Monochromacy



Original Color

16.5767, 33.5945, -29.6472

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

12.9428, 12.3571, -10.1457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5767, 33.5945, -29.6472 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(84, 0, 97)` looks like.

```
.text, #text, p{  
    color:rgb(84, 0, 97)  
}
```

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(84, 0, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 0, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5767, 33.5945, -29.6472 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(84, 0, 97) }
```


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

```
.border{ border-color:rgb(84, 0, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 0, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 0, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 0, 97); box-shadow:4px  
4px 4px 4px rgb(84, 0, 97) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5767, 33.5945, -29.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 0, 97) }
```

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

```
.background{ background-color: rgb(84, 0,  
97) }
```

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