

Converting Colors

HunterLab(16.4819, 32.0004,
-18.6098)

Have a look what the booklet for
HunterLab(16.4819, 32.0004,
-18.6098) contains.

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Color

**HunterLab(16.4294, 31.9370,
-18.8501)**

Conversions

Conversions Part 1

Format	Color
Hex	580053
RGB	88, 0, 83
RGB Percent	35%, 0%, 33%
CMY	0.6549, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.06, 0.65
HSL	303°, 100%, 17%
HSV	303°, 100%, 35%
XYZ	5.5859, 2.6993, 8.4102
YIQ	35.7740, 25.8050, 44.4690

Conversions

Conversions Part 2

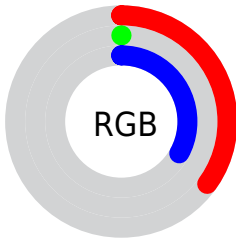
Format	Color
R_{YB}	88, 0, 83
Decimal	5767251
CIE _{Lab}	18.80, 44.41, -25.18
CIE _{LCh}	19, 51.050, 330.447
Yxy	2.6994, 0.3346, 0.1617
Android (android.graphics.Color)	4283957331 (0xFF580053)
YUV	35.7740, 23.2824, 45.8022
Hunter-Lab	16.4294, 31.9370, -18.8501

Details

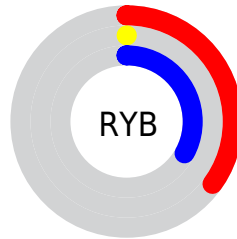
The HunterLab color **16.4294, 31.9370, -18.8501** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **26.4396, -22.5236, 15.5754**, and the grayscale version is **13.1337, -0.7008, 0.7136**.

A 20% lighter version of the original color is **32.5390, 35.4033, -19.7632**, and **7.8189, 15.1799, -8.8211** is the 20% darker color. If you saturate the color by 10%, you get **16.4295, 31.9371, -18.8499**, and if you desaturate by 10%, it is **17.0240, 29.9826, -17.8403**.

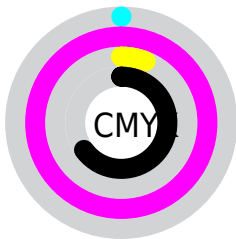
Distribution



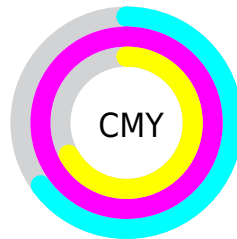
- Red (35%)
- Green (0%)
- Blue (33%)



- Red (35%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4294, 31.9370, -18.8501 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 16.4294, 31.9370, -18.8501 by changing the saturation by 10% instead.

16.4294, 31.9370,
-18.8501

16.4294, 31.9370,
-18.8501

111.5889, 44.9061,
-22.2917

9.8837, 30.2598,
-18.6785

32.4678, 35.5440,
-19.8545

0.0000, INF, -NF

0.0000, NaN, -NF

41.7493, 37.2135,
-20.3671

0.0000, NaN, NaN

51.7776, 38.7643,
-20.8328

0.0000, NaN, NaN

62.5009, 40.1986,
-21.2417

0.0000, NaN, NaN

0.0000, NaN, NaN


73.8767, 41.5226,
-21.5911


0.0000, NaN, NaN


85.8694, 42.7438,


0.0000, NaN, NaN


-21.8813

 98.4489, 43.8694,
-22.1141


 16.4294, 31.9370,
-18.8501


 16.4294, 31.9370,
-18.8501


 16.4295, 31.9371,
-18.8499

 17.0240, 29.9826,
-17.8403

 17.7052, 27.8406,
-16.6905

 18.6536, 24.9906,
-15.0556

 19.8615, 21.6046,
-13.0391

 21.3081, 17.8748,
-10.7621

■ 22.9676, 13.9648,
-8.3308

■ 24.8137, 9.9940,
-5.8251

■ 26.8218, 6.0393,
-3.2990

■ 28.9702, 2.1446,
-0.7852

Harmonies

Analogous

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



16.4298, 16.1759, -43.7573



16.4294, 31.9370, -18.8501



16.4298, 38.3699, 1.1039

Triad

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



16.4298, 31.9360, -18.8493



16.4298, -1.0988, 11.5009



16.4298, -18.9193, -19.5919

Complementary

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



16.4294, 31.9370, -18.8501



26.4396, -22.5236, 15.5754

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.



16.4298, -20.8024, 0.6819



16.4294, 31.9370, -18.8501



16.4298, -12.9559, 11.5009

Square

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



16.4298, 31.9360, -18.8493



16.4298, 15.6498, 11.5009



16.4298, -19.0296, 9.6769



16.4298, -12.6913, -44.3938

Rectangle

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



16.4294, 31.9370, -18.8501



16.4298, 35.2012, 7.8198



16.4298, -19.0296, 9.6769



16.4298, -19.9498, -11.6541

Sweetspot

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



16.4298, 31.9360, -18.8493



32.5585, 13.7403, -8.0359



8.5622, 22.8887, -58.2556



16.0493, 7.6277, -4.4955



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



16.4298, 31.9360, -18.8493



21.7152, 42.1963, -24.7918



14.9176, 26.5540, 1.8183



14.6574, 0.8366, -0.2389



20.1789, 39.2144, -23.0652



47.7797, 92.7799, -54.0536

Inverse Universe

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



16.4298, 31.9360, -18.8493



21.7152, 42.1963, -24.7918



26.8260, -20.1186, 9.9008



14.6574, 0.8366, -0.2389



20.1789, 39.2144, -23.0652



47.7797, 92.7799, -54.0536

Previews

White Background



This preview shows how the HunterLab color 16.4294, 31.9370, -18.8501 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 16.4294, 31.9370, -18.8501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

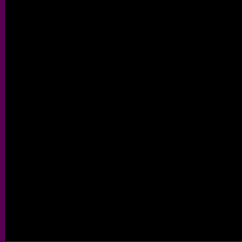
Any Text WCAG AA × Fail

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 16.4294, 31.9370, -18.8501 Background



This preview shows how black text looks on a background with the HunterLab color 16.4294, 31.9370, -18.8501.



This preview shows how white text looks on a background with the HunterLab color 16.4294, 31.9370, -18.8501.

-18.8501.

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

16.4294, 31.9370, -18.8501

Protanopia

17.5306, 4.5033, -31.6330

Deuteranopia

17.8566, 0.8279, -12.9144



Tritanopia

17.4587, 14.5818, 5.6132

Trichromacy



Original Color

16.4294, 31.9370, -18.8501

Protanomaly

14.5371, 13.2535, -34.9664

Deuteranomaly

15.4806, 13.1023, -19.2987

Tritanomaly

16.4790, 21.3607, -1.1608

Monochromacy



Original Color

16.4294, 31.9370, -18.8501

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

12.9694, 12.0492, -7.1950

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4294, 31.9370, -18.8501 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(88, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(88, 0, 83)  
}
```

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(88, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 0, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4294, 31.9370, -18.8501 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(88, 0, 83) }
```


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

```
.border{ border-color:rgb(88, 0, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 0, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 0, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(88, 0, 83); box-shadow:4px  
4px 4px 4px rgb(88, 0, 83) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4294, 31.9370, -18.8501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 0, 83) }
```

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

```
.background{ background-color: rgb(88, 0,  
83) }
```

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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