

Converting Colors

HunterLab(15.4165, 38.6790,
-23.4817)

Have a look what the booklet for
HunterLab(15.4165, 38.6790,
-23.4817) contains.

HunterLab(16.8687, 32.8711, -19.9746)	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(16.8687, 32.8711,
-19.9746)**

Conversions

Conversions Part 1

Format	Color
Hex	5A0056
RGB	90, 0, 86
RGB Percent	35%, 0%, 34%
CMY	0.6471, 1.0000, 0.6627
CMYK	0.00, 1.00, 0.04, 0.65
HSL	303°, 100%, 18%
HSV	303°, 100%, 35%
XYZ	5.8961, 2.8455, 9.0425
YIQ	36.7140, 26.0340, 45.8260

Conversions

Conversions Part 2

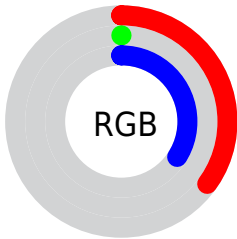
Format	Color
R _Y B	90, 0, 86
Decimal	5898326
CIE Lab	19.41, 45.28, -26.20
CIE LCh	19, 52.314, 329.948
Yxy	2.8457, 0.3315, 0.1600
Android (android.graphics.Color)	4284088406 (0xFF5A0056)
YUV	36.7140, 24.2980, 46.7318
Hunter-Lab	16.8687, 32.8711, -19.9746

Details

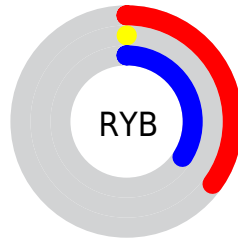
The HunterLab color **16.8687, 32.8711, -19.9746** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **27.0577, -23.0859, 16.0167**, and the grayscale version is **13.4299, -0.7166, 0.7297**.

A 20% lighter version of the original color is **32.9377, 36.5873, -20.9915**, and **8.2078, 16.0066, -9.8159** is the 20% darker color. If you saturate the color by 10%, you get **16.8688, 32.8712, -19.9743**, and if you desaturate by 10%, it is **17.4571, 30.9037, -18.8914**.

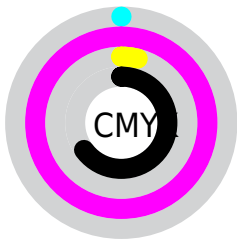
Distribution



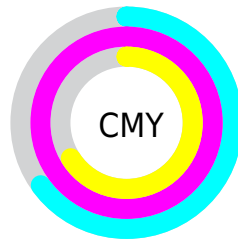
- Red (35%)
- Green (0%)
- Blue (34%)



- Red (35%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8687, 32.8711, -19.9746 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 16.8687, 32.8711, -19.9746 by changing the saturation by 10% instead.

■ 16.8687, 32.8711,
-19.9746

■ 16.8687, 32.8711,
-19.9746

■ 112.4182, 46.0510,
-23.5845

■ 10.2552, 31.1751,
-19.8310

■ 33.0182, 36.5169,
-20.9846

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.3475, 38.2092,
-21.5138

0.0000, NaN, NaN

■ 52.4202, 39.7841,
-22.0002

0.0000, NaN, NaN

■ 63.1849, 41.2431,
-22.4323

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.5997, 42.5922,
-22.8063


0.0000, NaN, NaN


■ 86.6295, 43.8386,

0.0000, NaN, NaN


-23.1221


 99.2444, 44.9893,
-23.3808


 16.8687, 32.8711,
-19.9746


 16.8687, 32.8711,
-19.9746


 16.8688, 32.8712,
-19.9743

 17.4571, 30.9037,
-18.8914

 18.1419, 28.7128,
-17.6467

 19.1028, 25.7845,
-15.8967

 20.3315, 22.2981,
-13.7525

 21.8069, 18.4530,
-11.3418

■ 23.5026, 14.4195,
-8.7762

■ 25.3913, 10.3222,
-6.1399

■ 27.4476, 6.2419,
-3.4888

■ 29.6491, 2.2243,
-0.8567

Harmonies

Analogous

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



16.8691, 16.4444, -45.7958



16.8687, 32.8711, -19.9746



16.8691, 39.7595, 0.8927

Triad

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



16.8691, 32.8701, -19.9738



16.8691, -0.8742, 11.8084



16.8691, -19.5753, -19.8836

Complementary

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



16.8687, 32.8711, -19.9746



27.0577, -23.0859, 16.0167

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.



16.8691, -21.4175, 0.9437



16.8687, 32.8711, -19.9746



16.8691, -13.2203, 11.8084

Square

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



16.8691, 32.8701, -19.9738



16.8691, 16.5082, 11.8084



16.8691, -19.5621, 10.0206



16.8691, -13.2522, -45.7184

Rectangle

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



16.8687, 32.8711, -19.9746



16.8691, 36.6253, 7.9484



16.8691, -19.5621, 10.0206



16.8691, -20.6068, -11.6945

Sweetspot

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



16.8691, 32.8701, -19.9738



33.3298, 14.1827, -8.4635



8.7045, 23.3840, -60.1134



16.0575, 7.6684, -4.6099



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.



16.8691, 32.8701, -19.9738



22.3036, 43.4491, -26.3127



15.3002, 27.2930, 1.4164



15.4298, 0.9136, -0.2880



20.7555, 40.4361, -24.5077



48.5333, 94.4972, -56.8740

Inverse Universe

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



16.8691, 32.8701, -19.9738



22.3036, 43.4491, -26.3127



27.4333, -20.7464, 10.4970



15.4298, 0.9136, -0.2880



20.7555, 40.4361, -24.5077



48.5333, 94.4972, -56.8740

Previews

White Background



This preview shows how the HunterLab color 16.8687, 32.8711, -19.9746 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 16.8687, 32.8711, -19.9746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

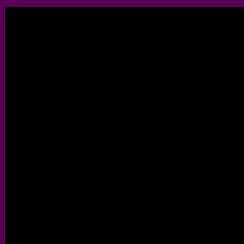
Any Text WCAG AA × Fail

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 16.8687, 32.8711, -19.9746 Background



This preview shows how black text looks on a background with the HunterLab color 16.8687, 32.8711, -19.9746.



This preview shows how white text looks on a background with the HunterLab color 16.8687, 32.8711, -19.9746.

-19.9746.

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

16.8687, 32.8711, -19.9746

Protanopia

17.8776, 4.6285, -32.3372

Deuteranopia

18.2183, 1.0600, -14.0897



Tritanopia

17.8962, 14.9299, 5.7593

Trichromacy



Original Color

16.8687, 32.8711, -19.9746

Protanomaly

14.7186, 13.9583, -36.2425

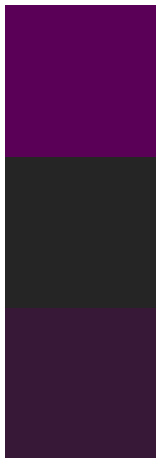
Deuteranomaly

15.7155, 13.9937, -20.9455

Tritanomaly

16.9304, 21.8565, -1.4069

Monochromacy



Original Color

16.8687, 32.8711, -19.9746

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.3036, 12.2361, -7.6966

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8687, 32.8711, -19.9746 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(90, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(90, 0, 86)  
}
```

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(90, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 0, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8687, 32.8711, -19.9746 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(90, 0, 86) }
```


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

```
.border{ border-color:rgb(90, 0, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 0, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 0, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(90, 0, 86); box-shadow:4px  
4px 4px 4px rgb(90, 0, 86) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.8687, 32.8711, -19.9746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 0, 86) }
```

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

```
.background{ background-color: rgb(90, 0,  
86) }
```

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