

Converting Colors

HunterLab(16.4493, 30.0396,
-3.8645)

Have a look what the booklet for
HunterLab(16.4493, 30.0396,
-3.8645) contains.

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Color

**HunterLab(16.3865, 29.9266,
-3.8625)**

Conversions

Conversions Part 1

Format	Color
Hex	5E003A
RGB	94, 0, 58
RGB Percent	37%, 0%, 23%
CMY	0.6314, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.38, 0.63
HSL	323°, 100%, 18%
HSV	323°, 100%, 37%
XYZ	5.3798, 2.6852, 4.2377
YIQ	34.7180, 37.4060, 37.9660

Conversions

Conversions Part 2

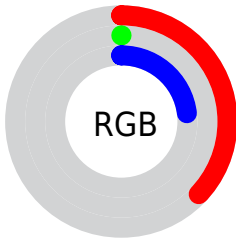
Format	Color
R_{YB}	94, 0, 58
Decimal	6160442
CIE Lab	18.74, 42.25, -7.89
CIE LCh	19, 42.979, 349.426
Yxy	2.6853, 0.4373, 0.2183
Android (android.graphics.Color)	4284350522 (0xFF5E003A)
YUV	34.7180, 11.4780, 51.9903
Hunter-Lab	16.3865, 29.9266, -3.8625

Details

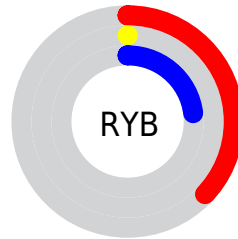
The HunterLab color **16.3865, 29.9266, -3.8625** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28.5182, -22.8589, 13.7014**, and the grayscale version is **12.8325, -0.6847, 0.6972**.

A 20% lighter version of the original color is **32.4770, 33.1843, -3.8053**, and **7.8443, 13.8733, 1.6606** is the 20% darker color. If you saturate the color by 10%, you get **16.3864, 29.9263, -3.8614**, and if you desaturate by 10%, it is **17.1094, 28.2402, -4.5574**.

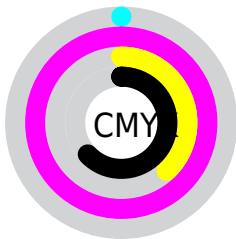
Distribution



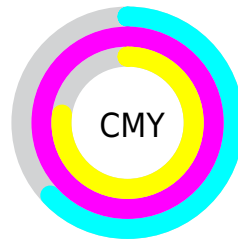
- Red (37%)
- Green (0%)
- Blue (23%)



- Red (37%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3865, 29.9266, -3.8625 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 16.3865, 29.9266, -3.8625 by changing the saturation by 10% instead.

16.3865, 29.9266,
-3.8625

16.3865, 29.9266,
-3.8625

111.5078, 42.2382,
-2.1441

9.8476, 28.2433,
-3.6832

32.4140, 33.4178,
-3.9326

0.0000, INF, -NF

0.0000, NaN, NaN

41.6908, 35.0118,
-3.8488

0.0000, NaN, NaN

51.7148, 36.4841,
-3.6982

0.0000, NaN, NaN

0.0000, NaN, NaN

62.4340, 37.8391,
-3.4878

0.0000, NaN, NaN

73.8059, 39.0843,
-3.2231

0.0000, NaN, NaN

85.7950, 40.2276,

0.0000, NaN, NaN

-2.9086

■ 98.3711, 41.2766,
-2.5479

■ 16.3865, 29.9266,
-3.8625

■ 16.3865, 29.9266,
-3.8625

■ 16.3864, 29.9263,
-3.8614

■ 17.1094, 28.2402,
-4.5574

■ 17.9525, 26.3087,
-5.0945

■ 19.0978, 23.6335,
-5.1972

■ 20.5281, 20.4179,
-4.8995

■ 22.2151, 16.8666,
-4.2652

■ 24.1267, 13.1437,
-3.3647

■ 26.2321, 9.3623,
-2.2611

■ 28.5041, 5.5917,
-1.0054

■ 30.9193, 1.8694,
0.3639

Harmonies

Analogous

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



16.3870, 21.5628, -21.9115



16.3865, 29.9266, -3.8625



16.3870, 28.3668, 6.8026

Triad

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



16.3870, 29.9250, -3.8619



16.3870, -8.1018, 11.4709



16.3870, -13.7210, -27.5493

Complementary

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



16.3865, 29.9266, -3.8625



28.5182, -22.8589, 13.7014

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.



16.3870, -17.8931, -8.6342



16.3865, 29.9266, -3.8625



16.3870, -15.3835, 10.3705

Square

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



16.3870, 29.9250, -3.8619



16.3870, 3.7537, 11.4709



16.3870, -18.3938, 4.5451



16.3870, -5.0413, -41.0028

Rectangle

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



16.3865, 29.9266, -3.8625



16.3870, 22.0218, 10.2036



16.3870, -18.3938, 4.5451



16.3870, -15.5712, -21.1649

Sweetspot

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



16.3870, 29.9250, -3.8619



34.4402, 12.8591, -3.1387



10.7538, 25.9275, -51.3048



16.4785, 6.9632, -1.7397



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



16.3870, 29.9250, -3.8619



21.6379, 39.4363, -4.4730



15.5168, 26.7503, 8.6336



15.3911, 0.7053, 0.2628



19.2503, 35.1127, -4.1969



44.8505, 81.4571, -7.0594

Inverse Universe

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



16.3870, 29.9250, -3.8619



21.6379, 39.4363, -4.4730



29.3370, -17.8411, 1.8459



15.3911, 0.7053, 0.2628



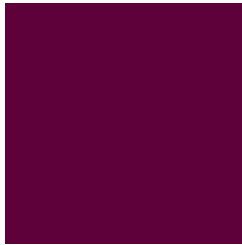
19.2503, 35.1127, -4.1969



44.8505, 81.4571, -7.0594

Previews

White Background



This preview shows how the HunterLab color 16.3865, 29.9266, -3.8625 looks on a white background.

Color Contrast Check

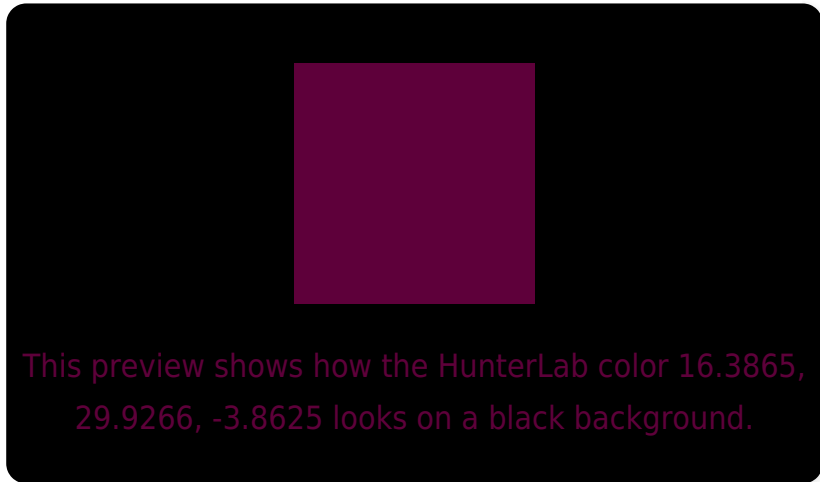
Large Text (above 18pt) WCAG AA ✓ Pass

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

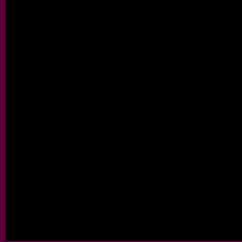
Any Text WCAG AA × Fail

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 16.3865, 29.9266, -3.8625 Background



This preview shows how black text looks on a background with the HunterLab color 16.3865, 29.9266, -3.8625.



This preview shows how white text looks on a background with the HunterLab color 16.3865, 29.9266, -3.8625.

-3.8625.

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

16.3865, 29.9266, -3.8625

Protanopia

17.8780, 2.5325, -16.0792

Deuteranopia

17.7119, 1.1629, -0.7483



Tritanopia

17.1874, 20.6545, 7.9714

Trichromacy



Original Color

16.3865, 29.9266, -3.8625

Protanomaly

15.3109, 13.0000, -15.4255

Deuteranomaly

15.7631, 12.7670, -3.6584

Tritanomaly

16.7218, 24.1474, 4.8087

Monochromacy



Original Color

16.3865, 29.9266, -3.8625

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.6055, 11.2719, -2.7850

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3865, 29.9266, -3.8625 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(94, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 58)  
}
```

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(94, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3865, 29.9266, -3.8625 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(94, 0, 58) }
```


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

```
.border{ border-color:rgb(94, 0, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 0, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 0, 58); box-shadow:4px  
4px 4px 4px rgb(94, 0, 58) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.3865, 29.9266, -3.8625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 58) }
```

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

```
.background{ background-color: rgb(94, 0,  
58) }
```

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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