

Converting Colors

HunterLab(12.2876, 47.6084,
-14.0101)

Have a look what the booklet for
HunterLab(12.2876, 47.6084,
-14.0101) contains.

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Color

**HunterLab(16.2302, 30.0058,
-6.6527)**

Conversions

Conversions Part 1

Format	Color
Hex	5C003F
RGB	92, 0, 63
RGB Percent	36%, 0%, 25%
CMY	0.6392, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.32, 0.64
HSL	319°, 100%, 18%
HSV	319°, 100%, 36%
XYZ	5.3108, 2.6342, 4.9312
YIQ	34.6900, 34.6090, 39.0970

Conversions

Conversions Part 2

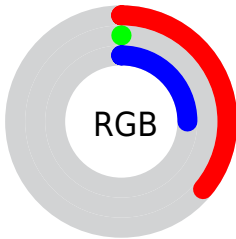
Format	Color
R_{YB}	92, 0, 63
Decimal	6029375
CIE _{Lab}	18.52, 42.38, -11.78
CIE _{LCh}	19, 43.985, 344.465
Yxy	2.6343, 0.4125, 0.2046
Android (android.graphics.Color)	4284219455 (0xFF5C003F)
YUV	34.6900, 13.9568, 50.2609
Hunter-Lab	16.2302, 30.0058, -6.6527

Details

The HunterLab color **16.2302, 30.0058, -6.6527** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **27.8264, -22.7223, 14.2711**, and the grayscale version is **12.8165, -0.6839, 0.6963**.

A 20% lighter version of the original color is **32.2283, 33.8094, -7.2161**, and **7.6786, 13.8550, -0.5040** is the 20% darker color. If you saturate the color by 10%, you get **16.2301, 30.0056, -6.6518**, and if you desaturate by 10%, it is **16.9332, 28.2813, -7.0639**.

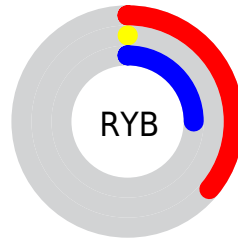
Distribution



Red (36%)

Green (0%)

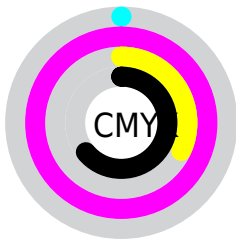
Blue (25%)



Red (36%)

Yellow (0%)

Blue (25%)

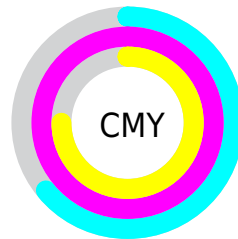


Cyan (0%)

Magenta (100%)

Yellow (32%)

Black (64%)



Cyan (64%)











Magenta (100%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.2302, 30.0058, -6.6527 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 16.2302, 30.0058, -6.6527 by changing the saturation by 10% instead.

 16.2302, 30.0058, -6.6527	 16.2302, 30.0058, -6.6527
 111.2112, 42.3770, -6.4255	 9.7157, 28.3299, -6.3127
 32.2177, 33.5072, -7.0875	0.0000, INF, -NF
	0.0000, NaN, NaN
 41.4772, 35.1086, -7.1823	0.0000, NaN, NaN
 51.4853, 36.5884, -7.2043	0.0000, NaN, NaN
	0.0000, NaN, NaN
 62.1897, 37.9507, -7.1602	0.0000, NaN, NaN
	0.0000, NaN, NaN
 73.5475, 39.2030, -7.0558	0.0000, NaN, NaN
	0.0000, NaN, NaN
 85.5233, 40.3533,	0.0000, NaN, NaN

-6.8960

■ 98.0866, 41.4090,
-6.6847

■ 16.2302, 30.0058,
-6.6527

■ 16.2302, 30.0058,
-6.6527

■ 16.2301, 30.0056,
-6.6518

■ 16.9332, 28.2813,
-7.0639

■ 17.7438, 26.3357,
-7.3101

■ 18.8448, 23.6609,
-7.1022

■ 20.2213, 20.4509,
-6.4900

■ 21.8466, 16.9054,
-5.5499

■ 23.6907, 13.1860,
-4.3600

■ 25.7242, 9.4056,
-2.9871

■ 27.9207, 5.6343,
-1.4830

■ 30.2576, 1.9104,
0.1144

Harmonies

Analogous

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



16.2306, 20.0293, -25.9825



16.2302, 30.0058, -6.6527



16.2306, 30.1993, 5.6816

Triad

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



16.2306, 30.0043, -6.6521



16.2306, -6.5284, 11.3615



16.2306, -14.8784, -25.2717

Complementary

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



16.2302, 30.0058, -6.6527



27.8264, -22.7223, 14.2711

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.



16.2306, -18.3922, -6.0577



16.2302, 30.0058, -6.6527



16.2306, -14.6768, 11.2255

Square

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



16.2306, 30.0043, -6.6521



16.2306, 6.2059, 11.3615



16.2306, -18.3320, 5.9555



16.2306, -6.9038, -41.2267

Rectangle

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



16.2302, 30.0058, -6.6527



16.2306, 24.5771, 9.5656



16.2306, -18.3320, 5.9555



16.2306, -16.4940, -18.5312

Sweetspot

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



16.2306, 30.0043, -6.6521



33.7645, 12.9233, -4.1344



10.0707, 24.9154, -52.9695



16.5206, 7.1735, -2.3325



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.



16.2306, 30.0043, -6.6521



21.4303, 39.5476, -8.2253



15.2331, 26.3802, 7.5528



15.3987, 0.7465, 0.1540



19.4981, 36.0022, -7.6425



45.4455, 83.5974, -15.3671

Inverse Universe

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



16.2306, 30.0043, -6.6521



21.4303, 39.5476, -8.2253



28.5367, -18.3516, 3.9483



15.3987, 0.7465, 0.1540



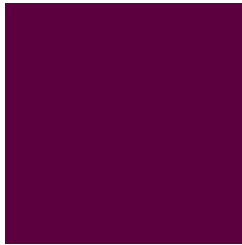
19.4981, 36.0022, -7.6425



45.4455, 83.5974, -15.3671

Previews

White Background



This preview shows how the HunterLab color 16.2302, 30.0058, -6.6527 looks on a white background.

Color Contrast Check

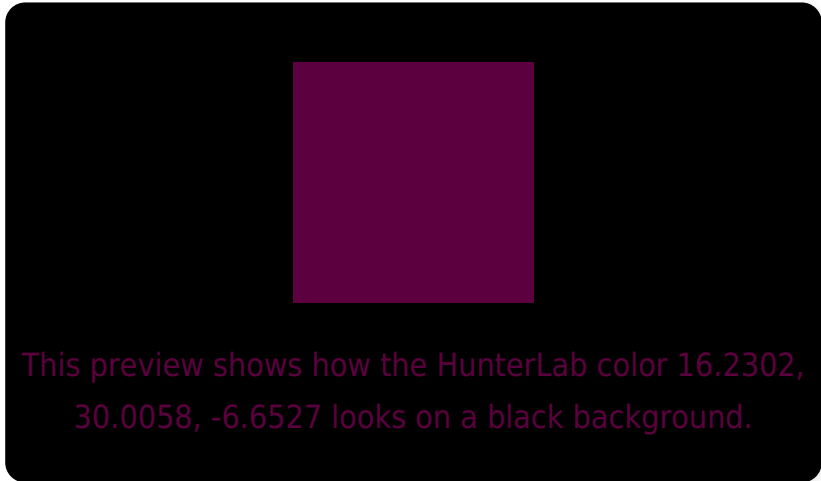
Large Text (above 18pt) WCAG AA ✓ Pass

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

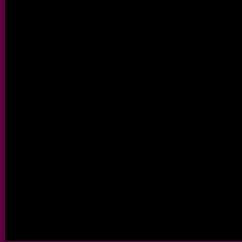
Any Text WCAG AA × Fail

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 16.2302, 30.0058, -6.6527 Background



This preview shows how black text looks on a background with the HunterLab color 16.2302, 30.0058, -6.6527.



This preview shows how white text looks on a background with the HunterLab color 16.2302, 30.0058,

-6.6527.

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

16.2302, 30.0058, -6.6527

Protanopia

17.6039, 3.4790, -21.6699

Deuteranopia

17.5574, 0.9231, -3.1376



Tritanopia

17.0108, 19.0659, 7.4095

Trichromacy



Original Color

16.2302, 30.0058, -6.6527

Protanomaly

15.0432, 12.8697, -20.4175

Deuteranomaly

15.5886, 12.6322, -6.4328

Tritanomaly

16.4034, 23.1782, 3.5756

Monochromacy



Original Color

16.2302, 30.0058, -6.6527

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.6650, 11.5411, -3.6159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.2302, 30.0058, -6.6527 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(92, 0, 63)` looks like.

```
.text, #text, p{  
    color:rgb(92, 0, 63)  
}
```

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(92, 0, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 0, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 16.2302, 30.0058, -6.6527 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(92, 0, 63) }
```


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

```
.border{ border-color:rgb(92, 0, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 0, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 0, 63); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 0, 63); box-shadow:4px  
4px 4px 4px rgb(92, 0, 63) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.2302, 30.0058, -6.6527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 0, 63) }
```

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

```
.background{ background-color: rgb(92, 0,  
63) }
```

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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