

Converting Colors

HunterLab(16.6255, 28.9889,
6.7334)

Have a look what the booklet for
HunterLab(16.6255, 28.9889,
6.7334) contains.

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Color

**HunterLab(16.5423, 28.8361,
6.7606)**

Conversions

Conversions Part 1

Format	Color
Hex	63001C
RGB	99, 0, 28
RGB Percent	39%, 0%, 11%
CMY	0.6118, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.72, 0.61
HSL	343°, 100%, 19%
HSV	343°, 100%, 39%
XYZ	5.3552, 2.7365, 1.3445
YIQ	32.7930, 50.0160, 29.6960

Conversions

Conversions Part 2

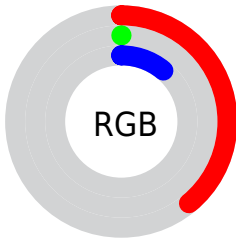
Format	Color
R_{YB}	99, 0, 28
Decimal	6488092
CIE _{Lab}	18.96, 41.01, 14.04
CIE _{LCh}	19, 43.345, 18.903
Yxy	2.7366, 0.5675, 0.2900
Android (android.graphics.Color)	4284678172 (0xFF63001C)
YUV	32.7930, -2.3629, 58.0635
Hunter-Lab	16.5423, 28.8361, 6.7606

Details

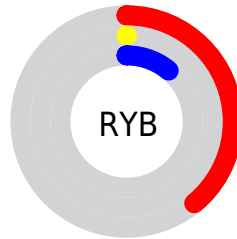
The HunterLab color **16.5423, 28.8361, 6.7606** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **30.6247, -20.9557, 6.9602**, and the grayscale version is **12.2646, -0.6544, 0.6664**.

A 20% lighter version of the original color is **32.4830, 32.2806, 9.7001**, and **7.8021, 13.4174, 4.6060** is the 20% darker color. If you saturate the color by 10%, you get **16.5422, 28.8356, 6.7618**, and if you desaturate by 10%, it is **17.2907, 27.1190, 5.6498**.

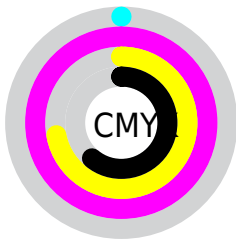
Distribution



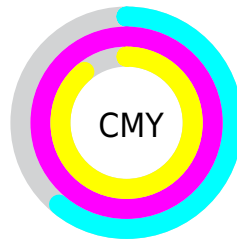
- Red (39%)
- Green (0%)
- Blue (11%)



- Red (39%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5423, 28.8361, 6.7606 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 16.5423, 28.8361, 6.7606 by changing the saturation by 10% instead.

■ 16.5423, 28.8361,
6.7606

■ 16.5423, 28.8361,
6.7606

■ 111.8028, 40.7360,
19.2989

■ 9.9792, 27.1481,
6.4037

■ 32.6095, 32.2516,
9.8160

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.9034, 33.7976,
11.2338

0.0000, NaN, NaN

■ 51.9432, 35.2205,
12.6134

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6772, 36.5261,
13.9687

0.0000, NaN, NaN


■ 74.0631, 37.7225,
15.3092


0.0000, NaN, NaN


■ 86.0654, 38.8180,


0.0000, NaN, NaN


16.6414


 98.6540, 39.8202,
17.9702


 16.5423, 28.8361,
6.7606


 16.5423, 28.8361,
6.7606


 16.5422, 28.8356,
6.7618

 17.2907, 27.1190,
5.6498

 18.2066, 25.1383,
4.4640

 19.4699, 22.4321,
3.4395

 21.0556, 19.2306,
2.6300

 22.9271, 15.7509,
2.0509

■ 25.0450, 12.1566,
1.6907

■ 27.3728, 8.5520,
1.5249

■ 29.8788, 4.9951,
1.5252

■ 32.5368, 1.5125,
1.6645

Harmonies

Analogous

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



16.5428, 30.2263, -4.1765



16.5423, 28.8361, 6.7606



16.5428, 18.2387, 11.5751

Triad

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



16.5428, 28.8341, 6.7610



16.5428, -15.4658, 10.5296



16.5428, -5.2922, -41.4208

Complementary

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



16.5423, 28.8361, 6.7606



30.6247, -20.9557, 6.9602

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.



16.5428, -13.9844, -27.5742



16.5423, 28.8361, 6.7606



16.5428, -18.5739, 4.7497

Square

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



16.5428, 28.8341, 6.7610



16.5428, -8.0220, 11.5800



16.5428, -18.1281, -8.4384



16.5428, 7.7174, -39.0937

Rectangle

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



16.5423, 28.8361, 6.7606



16.5428, 8.7689, 11.5800



16.5428, -18.1281, -8.4384



16.5428, -8.7305, -38.2463

Sweetspot

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



16.5428, 28.8341, 6.7610



35.5785, 11.6074, 2.0069



14.9626, 31.6413, -37.0011



16.9153, 6.3098, 0.9996



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.



16.5428, 28.8341, 6.7610



21.6292, 37.6310, 9.3997



17.9050, 22.7217, 11.4300



16.1267, 0.5506, 0.8288



18.8698, 32.8599, 7.9701



43.4597, 75.3802, 20.6865

Inverse Universe

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



16.5428, 28.8341, 6.7610



21.6292, 37.6310, 9.3997



25.0722, -8.6719, -12.6168



16.1267, 0.5506, 0.8288



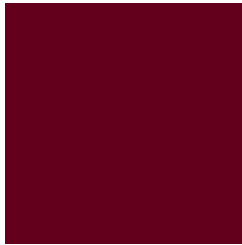
18.8698, 32.8599, 7.9701



43.4597, 75.3802, 20.6865

Previews

White Background



This preview shows how the HunterLab color 16.5423, 28.8361, 6.7606 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

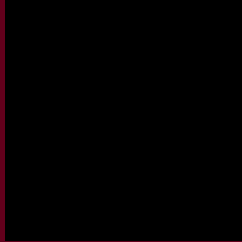
Any Text WCAG AA × Fail

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 16.5423, 28.8361, 6.7606 Background



This preview shows how black text looks on a background with the HunterLab color 16.5423, 28.8361, 6.7606.



This preview shows how white text looks on a background with the HunterLab color 16.5423, 28.8361,

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

16.5423, 28.8361, 6.7606

Protanopia

17.9032, -1.1534, 3.7575

Deuteranopia

17.8883, 0.6093, 8.3466



Tritanopia

17.0638, 25.7329, 10.0671

Trichromacy



Original Color

16.5423, 28.8361, 6.7606

Protanomaly

15.7121, 10.8602, 3.2671

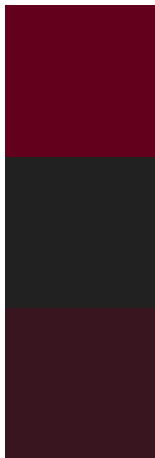
Deuteranomaly

15.9562, 11.9812, 6.6245

Tritanomaly

16.8583, 26.7756, 9.1327

Monochromacy



Original Color

16.5423, 28.8361, 6.7606

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2683, 10.5809, 1.4801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5423, 28.8361, 6.7606 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(99, 0, 28)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 28)  
}
```

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(99, 0, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5423, 28.8361, 6.7606 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(99, 0, 28) }
```


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

```
.border{ border-color:rgb(99, 0, 28) }
```

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

Here you see how a box with a 4 pixel rgb(99, 0, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 28); box-shadow:4px  
4px 4px 4px rgb(99, 0, 28) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5423, 28.8361, 6.7606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 28) }
```

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

```
.background{ background-color: rgb(99, 0,  
28) }
```

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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