

Converting Colors

HunterLab(11.5087, 51.8641,
0.0031)

Have a look what the booklet for
HunterLab(11.5087, 51.8641,
0.0031) contains.

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Color

**HunterLab(16.4864, 28.9695,
4.9475)**

Conversions

Conversions Part 1

Format	Color
Hex	620023
RGB	98, 0, 35
RGB Percent	38%, 0%, 14%
CMY	0.6157, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.64, 0.62
HSL	339°, 100%, 19%
HSV	339°, 100%, 38%
XYZ	5.3404, 2.7180, 1.8333
YIQ	33.2920, 47.1730, 31.6610

Conversions

Conversions Part 2

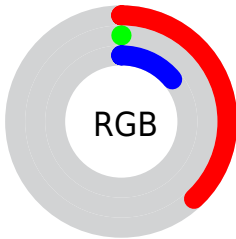
Format	Color
R_{YB}	98, 0, 35
Decimal	6422563
CIE _{Lab}	18.88, 41.17, 8.87
CIE _{LCh}	19, 42.116, 12.163
Yxy	2.7182, 0.5399, 0.2748
Android (android.graphics.Color)	4284612643 (0xFF620023)
YUV	33.2920, 0.8420, 56.7489
Hunter-Lab	16.4864, 28.9695, 4.9475

Details

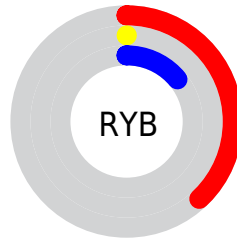
The HunterLab color **16.4864, 28.9695, 4.9475** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **30.1568, -21.6095, 8.9563**, and the grayscale version is **12.4125, -0.6623, 0.6744**.

A 20% lighter version of the original color is **32.4999, 32.6590, 7.1034**, and **7.8021, 13.4174, 4.6060** is the 20% darker color. If you saturate the color by 10%, you get **16.4863, 28.9691, 4.9488**, and if you desaturate by 10%, it is **17.2388, 27.2886, 3.7902**.

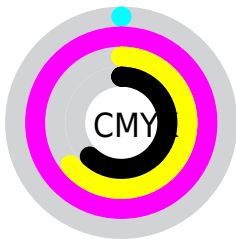
Distribution



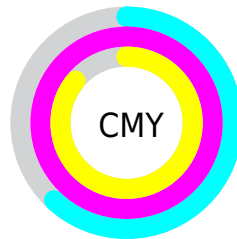
- Red (38%)
- Green (0%)
- Blue (14%)



- Red (38%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (62%)



- Cyan (62%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4864, 28.9695, 4.9475 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 16.4864, 28.9695, 4.9475 by changing the saturation by 10% instead.

■ 16.4864, 28.9695,
4.9475

■ 16.4864, 28.9695,
4.9475

■ 111.6970, 40.9283,
14.6327

■ 9.9320, 27.2830,
4.2673

■ 32.5394, 32.3960,
7.1442

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.8272, 33.9489,
8.2064

0.0000, NaN, NaN

■ 51.8614, 35.3790,
9.2627

0.0000, NaN, NaN

■ 62.5900, 36.6917,
10.3202

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 73.9709, 37.8950,
11.3834


0.0000, NaN, NaN


■ 85.9685, 38.9973,


0.0000, NaN, NaN


12.4552


 98.5526, 40.0061,
13.5379


 16.4864, 28.9695,
4.9475


 16.4864, 28.9695,
4.9475

 16.4863, 28.9691,
4.9488

 17.2388, 27.2886,
3.7902

 18.1476, 25.3451,
2.6308

 19.3931, 22.6679,
1.7139

 20.9518, 19.4808,
1.0746

 22.7887, 15.9981,
0.7094

■ 24.8663, 12.3833,
0.5914

■ 27.1493, 8.7430,
0.6849

■ 29.6073, 5.1379,
0.9542

■ 32.2147, 1.5975,
1.3678

Harmonies

Analogous

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



16.4869, 27.9956, -7.5272



16.4864, 28.9695, 4.9475



16.4869, 20.4134, 10.4651

Triad

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



16.4869, 28.9675, 4.9479



16.4869, -13.8788, 11.2064



16.4869, -7.4812, -37.7363

Complementary

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



16.4864, 28.9695, 4.9475



30.1568, -21.6095, 8.9563

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.



16.4869, -14.9378, -22.2755



16.4864, 28.9695, 4.9475



16.4869, -17.8214, 6.3830

Square

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



16.4869, 28.9675, 4.9479



16.4869, -5.5469, 11.5408



16.4869, -18.1422, -4.5435



16.4869, 4.3704, -39.3453

Rectangle

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



16.4864, 28.9695, 4.9475



16.4869, 11.5955, 11.5408



16.4869, -18.1422, -4.5435



16.4869, -10.4846, -33.6521

Sweetspot

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



16.4869, 28.9675, 4.9479



35.6572, 12.0083, 0.8853



13.8145, 30.0376, -40.5552



16.9570, 6.5203, 0.4050



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.



16.4869, 28.9675, 4.9479



21.7809, 38.1891, 7.1856



16.9894, 24.7121, 10.9006



16.1354, 0.5971, 0.7057



19.0040, 33.3534, 6.0127



43.7472, 76.4393, 16.4786

Inverse Universe

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



16.4869, 28.9675, 4.9479



21.7809, 38.1891, 7.1856



27.1450, -11.6788, -8.7166



16.1354, 0.5971, 0.7057



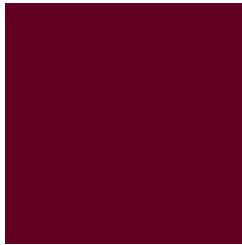
19.0040, 33.3534, 6.0127



43.7472, 76.4393, 16.4786

Previews

White Background



This preview shows how the HunterLab color 16.4864, 28.9695, 4.9475 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

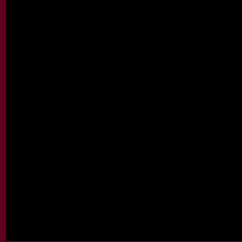
Any Text WCAG AA × Fail

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 16.4864, 28.9695, 4.9475 Background



This preview shows how black text looks on a background with the HunterLab color 16.4864, 28.9695, 4.9475.



This preview shows how white text looks on a background with the HunterLab color 16.4864, 28.9695,

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

16.4864, 28.9695, 4.9475

Protanopia

17.9556, -0.5709, 0.7123

Deuteranopia

17.9023, 0.8640, 6.7532



Tritanopia

16.9839, 24.5038, 9.5651

Trichromacy



Original Color

16.4864, 28.9695, 4.9475

Protanomaly

15.6570, 11.0666, 0.4403

Deuteranomaly

15.9377, 12.1456, 4.9498

Tritanomaly

16.7060, 25.9280, 8.2302

Monochromacy



Original Color

16.4864, 28.9695, 4.9475

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.3356, 10.8874, 0.5179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4864, 28.9695, 4.9475 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(98, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(98, 0, 35)  
}
```

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(98, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 0, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4864, 28.9695, 4.9475 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(98, 0, 35) }
```


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

```
.border{ border-color:rgb(98, 0, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 0, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 0, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(98, 0, 35); box-shadow:4px  
4px 4px 4px rgb(98, 0, 35) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4864, 28.9695, 4.9475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 0, 35) }
```

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

```
.background{ background-color: rgb(98, 0,  
35) }
```

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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