

Converting Colors

HunterLab(16.5687, 29.6376,
0.9136)

Have a look what the booklet for
HunterLab(16.5687, 29.6376,
0.9136) contains.

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Color

**HunterLab(16.5976, 29.7095,
0.7584)**

Conversions

Conversions Part 1

Format	Color
Hex	610030
RGB	97, 0, 48
RGB Percent	38%, 0%, 19%
CMY	0.6196, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.51, 0.62
HSL	330°, 100%, 19%
HSV	330°, 100%, 38%
XYZ	5.4633, 2.7548, 3.0401
YIQ	34.4750, 42.4040, 35.4920

Conversions

Conversions Part 2

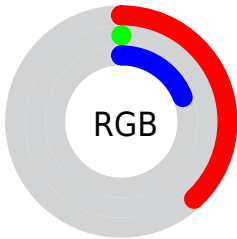
Format	Color
R_{YB}	97, 0, 48
Decimal	6357040
CIE Lab	19.03, 41.95, -0.27
CIE LCh	19, 41.954, 359.631
Yxy	2.7550, 0.4853, 0.2447
Android (android.graphics.Color)	4284547120 (0xFF610030)
YUV	34.4750, 6.6678, 54.8344
Hunter-Lab	16.5976, 29.7095, 0.7584

Details

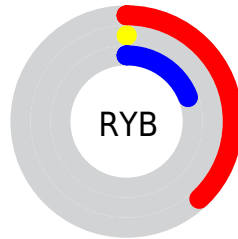
The HunterLab color **16.5976, 29.7095, 0.7584** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **29.6163, -22.7217, 12.0329**, and the grayscale version is **12.7694, -0.6813, 0.6938**.

A 20% lighter version of the original color is **32.7342, 33.1542, 1.5705**, and **7.9546, 13.6776, 4.7130** is the 20% darker color. If you saturate the color by 10%, you get **16.5975, 29.7092, 0.7598**, and if you desaturate by 10%, it is **17.3443, 28.0566, -0.2942**.

Distribution



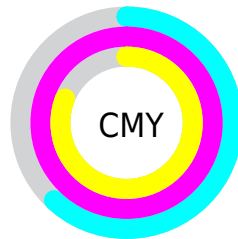
- Red (38%)
- Green (0%)
- Blue (19%)



- Red (38%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (62%)



- Cyan (62%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5976, 29.7095, 0.7584 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 16.5976, 29.7095, 0.7584 by changing the saturation by 10% instead.

16.5976, 29.7095,
0.7584

16.5976, 29.7095,
0.7584

111.9072, 41.9024,
5.8192

10.0259, 28.0173,
0.4233

32.6788, 33.1796,
1.5979

0.0000, INF, NaN

0.0000, NaN, NaN

41.9787, 34.7593,
2.0885

0.0000, NaN, NaN

52.0242, 36.2170,
2.6208

0.0000, NaN, NaN

0.0000, NaN, NaN

62.7634, 37.5575,
3.1918

0.0000, NaN, NaN


74.1541, 38.7885,
3.7990


0.0000, NaN, NaN


86.1611, 39.9181,


0.0000, NaN, NaN


4.4404


 98.7542, 40.9538,
5.1143

 16.5976, 29.7095,
0.7584


 16.5976, 29.7095,
0.7584


 16.5975, 29.7092,
0.7598

 17.3443, 28.0566,
-0.2942

 18.2333, 26.1282,
-1.2379

 19.4447, 23.4438,
-1.8139

 20.9580, 20.2198,
-2.0235

 22.7410, 16.6688,
-1.9045

■ 24.7589, 12.9577,
-1.5094

■ 26.9784, 9.1985,
-0.8915

■ 29.3702, 5.4581,
-0.0971

■ 31.9097, 1.7712,
0.8362

Harmonies

Analogous

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



16.5981, 24.6053, -14.8120



16.5976, 29.7095, 0.7584



16.5981, 24.8381, 8.6029

Triad

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



16.5981, 29.7077, 0.7589



16.5981, -10.9696, 11.6187



16.5981, -11.1639, -32.2092

Complementary

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



16.5976, 29.7095, 0.7584



29.6163, -22.7217, 12.0329

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.



16.5981, -16.7577, -14.3595



16.5976, 29.7095, 0.7584



16.5981, -16.6704, 8.7199

Square

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



16.5981, 29.7077, 0.7589



16.5981, -0.7350, 11.6187



16.5981, -18.4400, 1.0468



16.5981, -1.0375, -40.5195

Rectangle

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



16.5976, 29.7095, 0.7584



16.5981, 17.2153, 11.4054



16.5981, -18.4400, 1.0468



16.5981, -13.5171, -26.6963

Sweetspot

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



16.5981, 29.7077, 0.7589



35.0557, 12.4764, -1.2485



12.2635, 28.0355, -46.6288



17.0383, 6.9291, -0.7491



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.



16.5981, 29.7077, 0.7589



21.6843, 38.7302, 1.6470



15.9423, 27.2990, 10.3006



16.1515, 0.6842, 0.4753



19.3357, 34.5653, 1.2362



44.4918, 79.1659, 5.7092

Inverse Universe

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



16.5981, 29.7077, 0.7589



21.6843, 38.7302, 1.6470



30.6798, -16.2646, -3.2356



16.1515, 0.6842, 0.4753



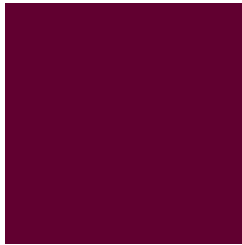
19.3357, 34.5653, 1.2362



44.4918, 79.1659, 5.7092

Previews

White Background



This preview shows how the HunterLab color 16.5976, 29.7095, 0.7584 looks on a white background.

Color Contrast Check

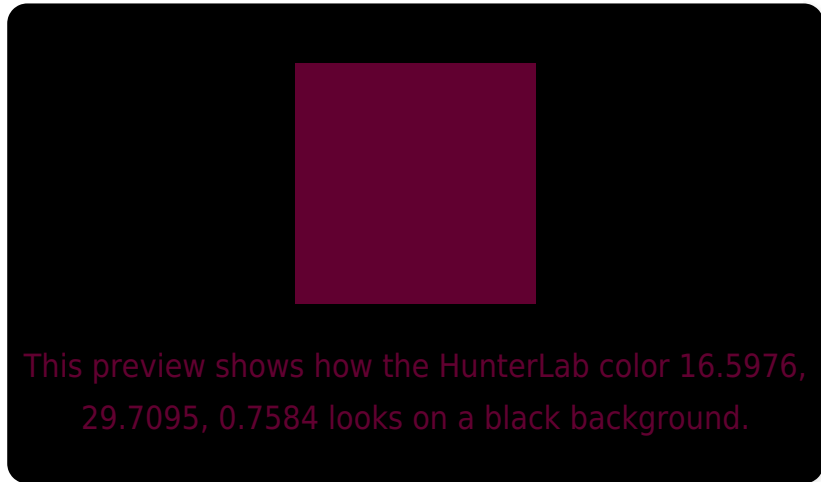
Large Text (above 18pt) WCAG AA ✓ Pass

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

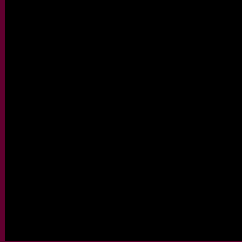
Any Text WCAG AA × Fail

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 16.5976, 29.7095, 0.7584 Background



This preview shows how black text looks on a background with the HunterLab color 16.5976, 29.7095, 0.7584.



This preview shows how white text looks on a background with the HunterLab color 16.5976, 29.7095,

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

16.5976, 29.7095, 0.7584

Protanopia

18.0797, 0.9112, -7.3070

Deuteranopia

18.1053, 0.8293, 3.3676



Tritanopia

17.3192, 23.0199, 8.9659

Trichromacy



Original Color

16.5976, 29.7095, 0.7584

Protanomaly

15.6842, 12.0805, -6.8133

Deuteranomaly

15.9598, 12.7381, 0.8345

Tritanomaly

16.8626, 25.4261, 6.5170

Monochromacy



Original Color

16.5976, 29.7095, 0.7584

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6102, 11.0621, -1.0609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5976, 29.7095, 0.7584 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(97, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(97, 0, 48)  
}
```

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(97, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 0, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5976, 29.7095, 0.7584 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(97, 0, 48) }
```


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

```
.border{ border-color:rgb(97, 0, 48) }
```

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

Here you see how a box with a 4 pixel rgb(97, 0, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 0, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 0, 48); box-shadow:4px  
4px 4px 4px rgb(97, 0, 48) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5976, 29.7095, 0.7584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 0, 48) }
```

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

```
.background{ background-color: rgb(97, 0,  
48) }
```

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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