

Converting Colors

HunterLab(16.6579, 29.1081,
6.2601)

Have a look what the booklet for
HunterLab(16.6579, 29.1081,
6.2601) contains.

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Color

**HunterLab(16.5879, 29.0036,
6.0957)**

Conversions

Conversions Part 1

Format	Color
Hex	63001F
RGB	99, 0, 31
RGB Percent	39%, 0%, 12%
CMY	0.6118, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.69, 0.61
HSL	341°, 100%, 19%
HSV	341°, 100%, 39%
XYZ	5.3929, 2.7516, 1.5432
YIQ	33.1350, 49.0530, 30.6290

Conversions

Conversions Part 2

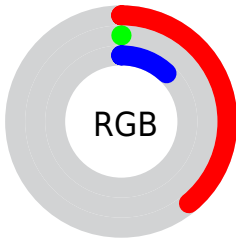
Format	Color
R_{YB}	99, 0, 31
Decimal	6488095
CIE Lab	19.02, 41.18, 11.98
CIE LCh	19, 42.887, 16.221
Yxy	2.7518, 0.5567, 0.2840
Android (android.graphics.Color)	4284678175 (0xFF63001F)
YUV	33.1350, -1.0526, 57.7636
Hunter-Lab	16.5879, 29.0036, 6.0957

Details

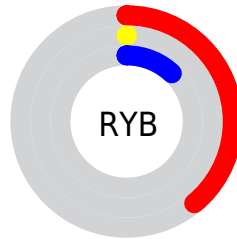
The HunterLab color **16.5879, 29.0036, 6.0957** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **30.5633, -21.3314, 7.8479**, and the grayscale version is **12.3685, -0.6600, 0.6720**.

A 20% lighter version of the original color is **32.7027, 32.1189, 8.9679**, and **7.9546, 13.6776, 4.7130** is the 20% darker color. If you saturate the color by 10%, you get **16.5877, 29.0032, 6.0970**, and if you desaturate by 10%, it is **17.3390, 27.3049, 4.9493**.

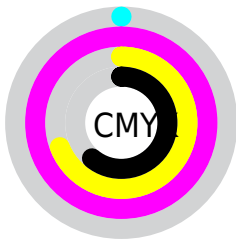
Distribution



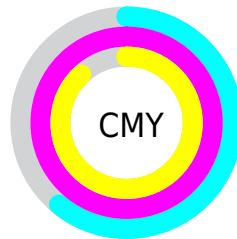
- Red (39%)
- Green (0%)
- Blue (12%)



- Red (39%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5879, 29.0036, 6.0957 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 16.5879, 29.0036, 6.0957 by changing the saturation by 10% instead.

■ 16.5879, 29.0036,
6.0957

■ 16.5879, 29.0036,
6.0957

■ 111.8890, 40.9528,
17.4769

■ 10.0177, 27.3134,
5.5338

■ 32.6667, 32.4284,
8.8012

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.9656, 33.9800,
10.0746

0.0000, NaN, NaN

■ 52.0100, 35.4086,
11.3230

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.7483, 36.7201,
12.5577

0.0000, NaN, NaN

■ 74.1382, 37.9223,
13.7860


0.0000, NaN, NaN


■ 86.1444, 39.0235,

0.0000, NaN, NaN


15.0131


 98.7367, 40.0314,
16.2425


 16.5879, 29.0036,
6.0957


 16.5879, 29.0036,
6.0957


 16.5877, 29.0032,
6.0970

 17.3390, 27.3049,
4.9493

 18.2555, 25.3354,
3.7595

 19.5169, 22.6321,
2.7661

 21.0986, 19.4237,
2.0160

 22.9646, 15.9278,
1.5167

■ 25.0760, 12.3087,
1.2506

■ 27.3965, 8.6726,
1.1880

■ 29.8949, 5.0789,
1.2974

■ 32.5450, 1.5557,
1.5495

Harmonies

Analogous

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



16.5884, 29.4312, -5.5034



16.5879, 29.0036, 6.0957



16.5884, 19.1869, 11.1546

Triad

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



16.5884, 29.0016, 6.0961



16.5884, -14.8956, 10.8318



16.5884, -6.2216, -40.0629

Complementary

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



16.5879, 29.0036, 6.0957



30.5633, -21.3314, 7.8479

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.



16.5884, -14.4340, -25.4659



16.5879, 29.0036, 6.0957



16.5884, -18.3461, 5.4704

Square

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



16.5884, 29.0016, 6.0961



16.5884, -7.0690, 11.6119



16.5884, -18.2069, -6.8196



16.5884, 6.3605, -39.3476

Rectangle

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



16.5879, 29.0036, 6.0957



16.5884, 9.9365, 11.6119



16.5884, -18.2069, -6.8196



16.5884, -9.4925, -36.4920

Sweetspot

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



16.5884, 29.0016, 6.0961



35.6103, 11.7694, 1.5536



14.5517, 31.1074, -38.5846



16.9322, 6.3948, 0.7595



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.



16.5884, 29.0016, 6.0961



21.6867, 37.8430, 8.5577



17.5795, 23.7062, 11.2466



16.1303, 0.5695, 0.7787



18.9208, 33.0478, 7.2238



43.5676, 75.7783, 19.1034

Inverse Universe

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



16.5884, 29.0016, 6.0961



21.6867, 37.8430, 8.5577



26.0071, -9.9346, -11.0595



16.1303, 0.5695, 0.7787



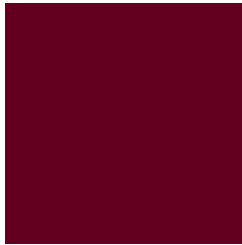
18.9208, 33.0478, 7.2238



43.5676, 75.7783, 19.1034

Previews

White Background



This preview shows how the HunterLab color 16.5879, 29.0036, 6.0957 looks on a white background.

Color Contrast Check

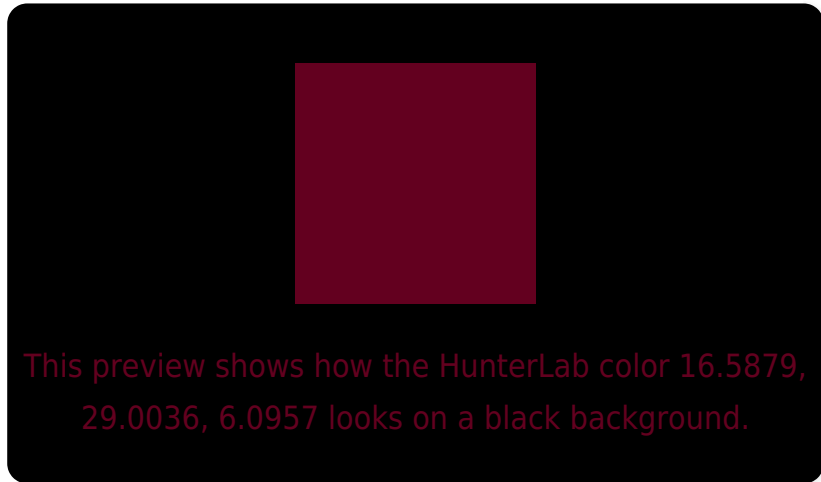
Large Text (above 18pt) WCAG AA ✓ Pass

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

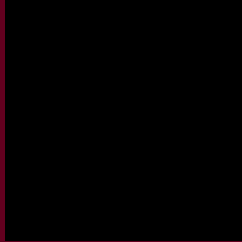
Any Text WCAG AA × Fail

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 16.5879, 29.0036, 6.0957 Background



This preview shows how black text looks on a background with the HunterLab color 16.5879, 29.0036, 6.0957.



This preview shows how white text looks on a background with the HunterLab color 16.5879, 29.0036,

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

16.5879, 29.0036, 6.0957

Protanopia

17.9124, -0.9536, 2.4652

Deuteranopia

17.9238, 0.8005, 7.8258



Tritanopia

17.0483, 24.9849, 9.9438

Trichromacy



Original Color

16.5879, 29.0036, 6.0957

Protanomaly

15.6791, 10.9391, 1.9200

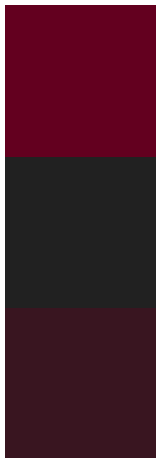
Deuteranomaly

15.9990, 12.1807, 6.0004

Tritanomaly

16.7750, 26.3274, 8.7750

Monochromacy



Original Color

16.5879, 29.0036, 6.0957

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2901, 10.6803, 1.1678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5879, 29.0036, 6.0957 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, 31)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 31)  
}
```

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, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5879, 29.0036, 6.0957 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, 31) }
```


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

```
.border{ border-color:rgb(99, 0, 31) }
```

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, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 31); box-shadow:4px  
4px 4px 4px rgb(99, 0, 31) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5879, 29.0036, 6.0957 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, 31) }
```

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

```
.background{ background-color: rgb(99, 0,  
31) }
```

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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