

Converting Colors

HunterLab(17.0939, 29.8426,
6.6364)

Have a look what the booklet for
HunterLab(17.0939, 29.8426,
6.6364) contains.

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Color

**HunterLab(17.0989, 29.8609,
6.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	66001F
RGB	102, 0, 31
RGB Percent	40%, 0%, 12%
CMY	0.6000, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.70, 0.60
HSL	342°, 100%, 20%
HSV	342°, 100%, 40%
XYZ	5.7268, 2.9237, 1.5588
YIQ	34.0320, 50.8410, 31.2650

Conversions

Conversions Part 2

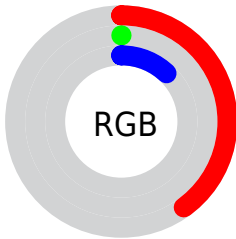
Format	Color
R_{YB}	102, 0, 31
Decimal	6684703
CIE Lab	19.74, 41.98, 13.05
CIE LCh	20, 43.964, 17.269
Yxy	2.9239, 0.5609, 0.2864
Android (android.graphics.Color)	4284874783 (0xFF66001F)
YUV	34.0320, -1.4948, 59.6079
Hunter-Lab	17.0989, 29.8609, 6.5640

Details

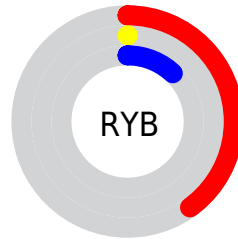
The HunterLab color **17.0989, 29.8609, 6.5640** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31.5560, -21.9108, 7.8579**, and the grayscale version is **12.6525, -0.6751, 0.6874**.

A 20% lighter version of the original color is **33.3122, 33.5998, 9.5844**, and **8.4154, 14.4637, 5.0341** is the 20% darker color. If you saturate the color by 10%, you get **17.0987, 29.8605, 6.5654**, and if you desaturate by 10%, it is **17.8521, 28.1693, 5.3751**.

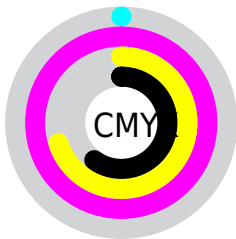
Distribution



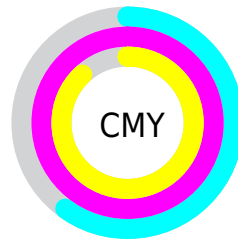
- Red (40%)
- Green (0%)
- Blue (12%)



- Red (40%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0989, 29.8609, 6.5640 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 17.0989, 29.8609, 6.5640 by changing the saturation by 10% instead.

17.0989, 29.8609,
6.5640

17.0989, 29.8609,
6.5640

112.8510, 42.0008,
18.5240

10.4505, 28.1502,
5.8334

33.3060, 33.3222,
9.4372

0.0000, INF, NaN

0.0000, NaN, NaN

42.6602, 34.8943,
10.7822

0.0000, NaN, NaN

52.7559, 36.3446,
12.0966

0.0000, NaN, NaN

0.0000, NaN, NaN

63.5422, 37.6782,
13.3926

0.0000, NaN, NaN


74.9773, 38.9029,
14.6784


0.0000, NaN, NaN


87.0263, 40.0267,


0.0000, NaN, NaN


15.9596


 99.6595, 41.0571,
17.2405


 17.0989, 29.8609,
6.5640


 17.0989, 29.8609,
6.5640


 17.0987, 29.8605,
6.5654

 17.8521, 28.1693,
5.3751

 18.7901, 26.1529,
4.1382

 20.0876, 23.3702,
3.0923

 21.7197, 20.0593,
2.2897

 23.6486, 16.4479,
1.7418

■ 25.8336, 12.7086,
1.4323

■ 28.2367, 8.9524,
1.3321

■ 30.8252, 5.2414,
1.4093

■ 33.5716, 1.6048,
1.6341

Harmonies

Analogous

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



17.0994, 30.6869, -5.1384



17.0989, 29.8609, 6.5640



17.0994, 19.4170, 11.5489

Triad

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



17.0994, 29.8588, 6.5644



17.0994, -15.6013, 10.9523



17.0994, -6.0503, -41.8804

Complementary

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



17.0989, 29.8609, 6.5640



31.5560, -21.9108, 7.8579

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.



17.0994, -14.7150, -27.1123



17.0989, 29.8609, 6.5640



17.0994, -19.0231, 5.3622

Square

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



17.0994, 29.8588, 6.5644



17.0994, -7.6800, 11.9696



17.0994, -18.7559, -7.6744



17.0994, 7.1029, -40.4996

Rectangle

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



17.0989, 29.8609, 6.5640



17.0994, 9.7825, 11.9696



17.0994, -18.7559, -7.6744



17.0994, -9.4920, -38.3523

Sweetspot

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



17.0994, 29.8588, 6.5644



37.1069, 12.2869, 1.7658



15.0019, 32.0822, -39.8743



17.5585, 6.6768, 0.8668



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.0994, 29.8588, 6.5644



22.6036, 39.3960, 9.2837



18.1127, 24.5498, 11.5899



16.9082, 0.6094, 0.8315



19.3610, 33.7790, 7.6834



44.0576, 76.5602, 19.8622

Inverse Universe

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



17.0994, 29.8588, 6.5644



22.6036, 39.3960, 9.2837



26.8182, -10.2258, -11.4445



16.9082, 0.6094, 0.8315



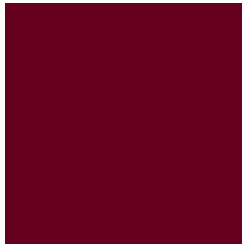
19.3610, 33.7790, 7.6834



44.0576, 76.5602, 19.8622

Previews

White Background



This preview shows how the HunterLab color 17.0989, 29.8609, 6.5640 looks on a white background.

Color Contrast Check

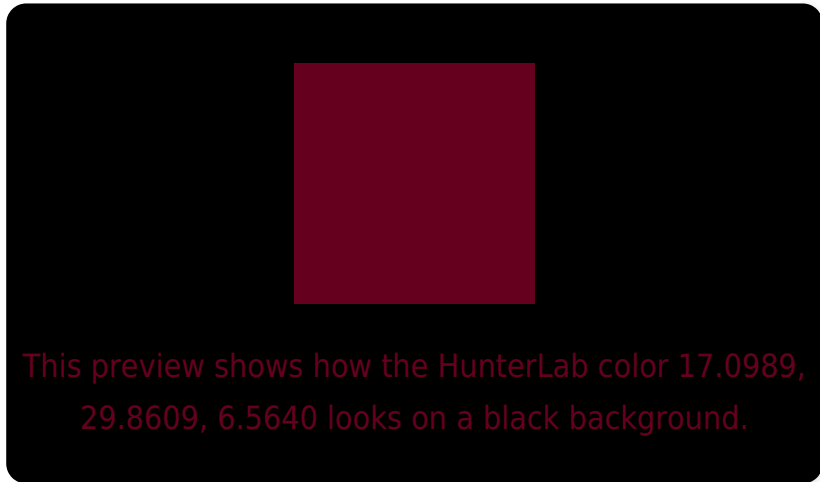
Large Text (above 18pt) WCAG AA ✓ Pass

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

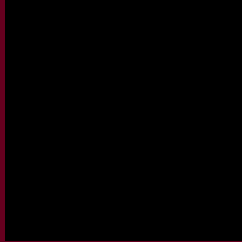
Any Text WCAG AA × Fail

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 17.0989, 29.8609, 6.5640 Background



This preview shows how black text looks on a background with the HunterLab color 17.0989, 29.8609, 6.5640.



This preview shows how white text looks on a background with the HunterLab color 17.0989, 29.8609,

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

17.0989, 29.8609, 6.5640

Protanopia

18.5405, -1.2290, 3.1373

Deuteranopia

18.5628, 0.6077, 8.3275



Tritanopia

17.7046, 26.2651, 10.4077

Trichromacy



Original Color

17.0989, 29.8609, 6.5640

Protanomaly

16.0854, 11.1632, 2.3747

Deuteranomaly

16.5426, 12.7875, 6.4798

Tritanomaly

17.4417, 27.5608, 9.2847

Monochromacy



Original Color

17.0989, 29.8609, 6.5640

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.7021, 11.0070, 1.3035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0989, 29.8609, 6.5640 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(102, 0, 31)` looks like.

```
.text, #text, p{  
    color:rgb(102, 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(102, 0, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 0, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0989, 29.8609, 6.5640 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(102, 0, 31) }
```


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

```
.border{ border-color:rgb(102, 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(102, 0, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 0, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 0, 31);  
box-shadow:4px 4px 4px 4px rgb(102, 0, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0989, 29.8609, 6.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 0, 31) }
```

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

```
.background{ background-color: rgb(102, 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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