

Converting Colors

HunterLab(29.8438, 50.6141,
18.0950)

Have a look what the booklet for
HunterLab(29.8438, 50.6141,
18.0950) contains.

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Color

**HunterLab(29.8040, 50.6365,
18.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	AC0313
RGB	172, 3, 19
RGB Percent	67%, 1%, 7%
CMY	0.3255, 0.9881, 0.9255
CMYK	0.00, 0.98, 0.89, 0.33
HSL	354°, 97%, 34%
HSV	354°, 98%, 67%
XYZ	17.1633, 8.8828, 1.4260
YIQ	55.3550, 95.5880, 40.8040

Conversions

Conversions Part 2

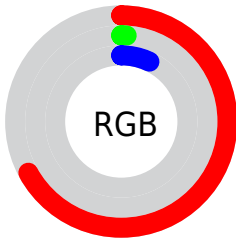
Format	Color
RYB	172, 3, 19
Decimal	11272979
CIELab	35.76, 59.52, 42.09
CIElCh	36, 72.898, 35.272
Yxy	8.8834, 0.6247, 0.3233
Android (android.graphics.Color)	4289463059 (0xFFAC0313)
YUV	55.3550, -17.9230, 102.2977
Hunter-Lab	29.8040, 50.6365, 18.0260

Details

The HunterLab color **29.8040, 50.6365, 18.0260** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **56.5028, -33.1903, 1.2184**, and the grayscale version is **19.7081, -1.0516, 1.0708**.

A 20% lighter version of the original color is **48.7801, 54.8344, 25.1225**, and **18.2071, 31.1803, 11.7650** is the 20% darker color. If you saturate the color by 10%, you get **29.6796, 50.9558, 18.1810**, and if you desaturate by 10%, it is **30.6559, 48.6244, 16.7297**.

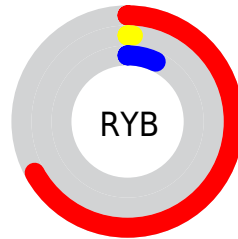
Distribution



Red (67%)

Green (1%)

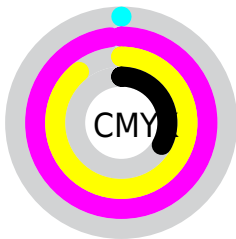
Blue (7%)



Red (67%)

Yellow (1%)

Blue (7%)

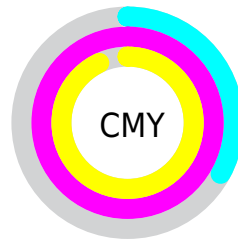


Cyan (0%)

Magenta (98%)

Yellow (89%)

Black (33%)



Cyan (33%)


Magenta (99%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 29.8040, 50.6365, 18.0260 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 29.8040, 50.6365, 18.0260 by changing the saturation by 10% instead.


 29.8040, 50.6365,
18.0260


 29.8040, 50.6365,
18.0260


 135.0945, 66.4932,
45.0999


 21.5990, 48.5400,
14.6747

 48.6547, 54.8084,
25.0379

 14.3254, 46.7143,
10.0278


 59.1717, 56.7751,
28.2404

 7.9845, 47.2719,
5.5892


 70.3532, 58.6403,
31.2927

0.0000, INF, NaN

0.0000, NaN, NaN

 82.1619, 60.4026,
34.2232

0.0000, NaN, NaN

 94.5660, 62.0647,
37.0537


0.0000, NaN, NaN


 107.5383, 63.6306,


0.0000, NaN, NaN


39.8014


0.0000, NaN, NaN


 121.0548, 65.1052,
42.4798

 29.8040, 50.6365,
18.0260


 29.8040, 50.6365,
18.0260


 29.6796, 50.9558,
18.1810

 30.6559, 48.6244,
16.7297

 32.1747, 45.0366,
15.0227

 34.4353, 39.9738,
13.1179

 37.3922, 33.9326,
11.1988

 40.9643, 27.3987,
9.3988

■ 45.0618, 20.7281,
7.7889

■ 49.6005, 14.1331,
6.3915

■ 54.5089, 7.7177,
5.2001

■ 59.7284, 1.5181,
4.1950

Harmonies

Analogous

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



29.8050, 65.5684, 5.6376



29.8040, 50.6365, 18.0260



29.8050, 22.1068, 20.8635

Triad

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



29.8050, 50.6327, 18.0265



29.8050, -34.5745, 15.3748



29.8050, 3.1003, -93.8801

Complementary

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



29.8040, 50.6365, 18.0260



56.5028, -33.1903, 1.2184

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.



29.8050, -19.6222, -80.8441



29.8040, 50.6365, 18.0260



29.8050, -36.6326, -3.0431

Square

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



29.8050, 50.6327, 18.0265



29.8050, -25.1542, 20.5662



29.8050, -32.2249, -40.4697



29.8050, 32.7718, -68.2564

Rectangle

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



29.8040, 50.6365, 18.0260



29.8050, 2.6052, 20.8635



29.8050, -32.2249, -40.4697



29.8050, -5.5689, -94.0082

Sweetspot

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



29.8050, 50.6327, 18.0265



65.9948, 20.1620, 8.8339



31.6591, 63.0912, -52.4802



29.5712, 11.1029, 4.4712



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



29.8050, 50.6327, 18.0265



39.9577, 68.5663, 24.7542



36.3801, 30.8279, 22.8152



28.3323, 1.0399, 2.0568



25.6108, 43.9854, 15.5712



4.3165, 7.5023, 1.9355

Inverse Universe

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



29.8050, 50.6327, 18.0265



39.9577, 68.5663, 24.7542



36.0301, -1.2440, -42.0457



28.3323, 1.0399, 2.0568



25.6108, 43.9854, 15.5712



4.3165, 7.5023, 1.9355

Previews

White Background



This preview shows how the HunterLab color 29.8040, 50.6365, 18.0260 looks on a white background.

Color Contrast Check

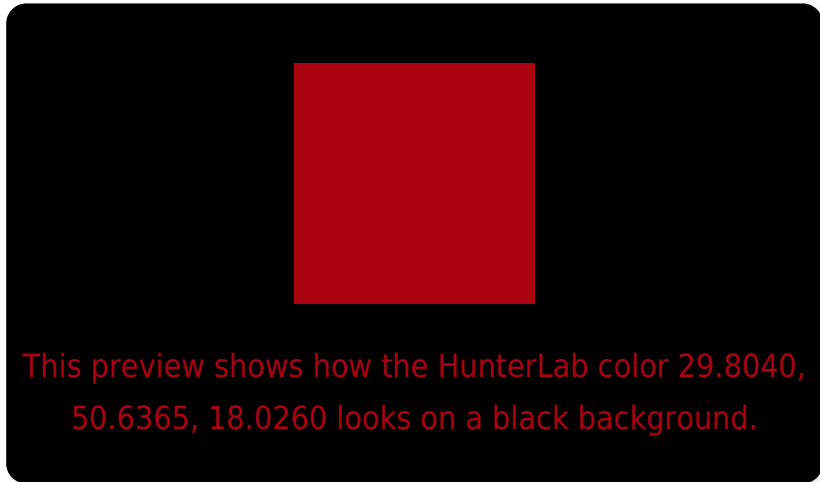
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8040, 50.6365, 18.0260 Background



This preview shows how black text looks on a background with the HunterLab color 29.8040, 50.6365, 18.0260.



This preview shows how white text looks on a background with the HunterLab color 29.8040, 50.6365,

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

29.8040, 50.6365, 18.0260

Protanopia

30.7787, -3.8324, 15.9833

Deuteranopia

30.5771, 1.6430, 18.8702



Tritanopia

30.0475, 48.2875, 19.3605

Trichromacy



Original Color

29.8040, 50.6365, 18.0260

Protanomaly

26.8368, 19.2037, 14.3048

Deuteranomaly

27.4738, 23.2871, 16.9031

Tritanomaly

29.8540, 49.1168, 18.8566

Monochromacy



Original Color

29.8040, 50.6365, 18.0260

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.0639, 19.0310, 6.2234

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8040, 50.6365, 18.0260 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(172, 3, 19)` looks like.

```
.text, #text, p{  
    color:rgb(172, 3, 19)  
}
```

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(172, 3, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 3, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8040, 50.6365, 18.0260 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(172, 3, 19) }
```


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

```
.border{ border-color:rgb(172, 3, 19) }
```

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

Here you see how a box with a 4 pixel rgb(172, 3, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 3, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 3, 19);  
box-shadow:4px 4px 4px 4px rgb(172, 3, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8040, 50.6365, 18.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 3, 19) }
```

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

```
.background{ background-color: rgb(172, 3,  
19) }
```

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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