

Converting Colors

HunterLab(16.4720, 30.1214,
-4.1820)

Have a look what the booklet for
HunterLab(16.4720, 30.1214,
-4.1820) contains.

HunterLab(16.4178, 30.0393, -4.3000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(16.4178, 30.0393,
-4.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	5E003B
RGB	94, 0, 59
RGB Percent	37%, 0%, 23%
CMY	0.6314, 1.0000, 0.7686
CMYK	0.00, 1.00, 0.37, 0.63
HSL	322°, 100%, 18%
HSV	322°, 100%, 37%
XYZ	5.4055, 2.6954, 4.3730
YIQ	34.8320, 37.0850, 38.2770

Conversions

Conversions Part 2

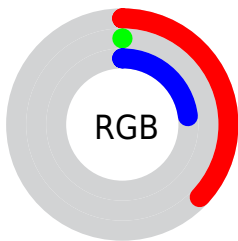
Format	Color
R_{YB}	94, 0, 59
Decimal	6160443
CIE _{Lab}	18.78, 42.36, -8.52
CIE _{LCh}	19, 43.213, 348.623
Yxy	2.6956, 0.4333, 0.2161
Android (android.graphics.Color)	4284350523 (0xFF5E003B)
YUV	34.8320, 11.9148, 51.8903
Hunter-Lab	16.4178, 30.0393, -4.3000

Details

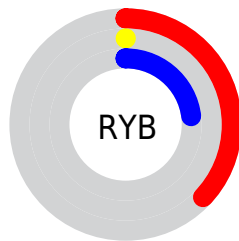
The HunterLab color **16.4178, 30.0393, -4.3000** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28.5076, -22.9247, 13.8568**, and the grayscale version is **12.8673, -0.6866, 0.6991**.

A 20% lighter version of the original color is **32.5088, 33.3244, -4.2537**, and **7.8629, 13.9412, 1.3927** is the 20% darker color. If you saturate the color by 10%, you get **16.4177, 30.0390, -4.2989**, and if you desaturate by 10%, it is **17.1383, 28.3491, -4.9598**.

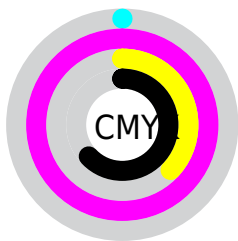
Distribution



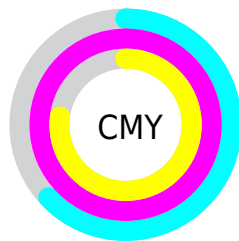
- Red (37%)
- Green (0%)
- Blue (23%)



- Red (37%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4178, 30.0393, -4.3000 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 16.4178, 30.0393, -4.3000 by changing the saturation by 10% instead.

16.4178, 30.0393,
-4.3000

16.4178, 30.0393,
-4.3000

111.5671, 42.3828,
-2.8323

9.8740, 28.3547,
-4.0897

32.4533, 33.5364,
-4.4336

0.0000, INF, -NF

0.0000, NaN, NaN

41.7335, 35.1340,
-4.3799

0.0000, NaN, NaN

51.7607, 36.6100,
-4.2582

0.0000, NaN, NaN

0.0000, NaN, NaN

62.4829, 37.9688,
-4.0755

0.0000, NaN, NaN

73.8576, 39.2177,
-3.8374

0.0000, NaN, NaN

85.8494, 40.3648,

0.0000, NaN, NaN

-3.5484

■ 98.4279, 41.4175,
-3.2124

■ 16.4178, 30.0393,
-4.3000

■ 16.4178, 30.0393,
-4.3000

■ 16.4177, 30.0390,
-4.2989

■ 17.1383, 28.3491,
-4.9598

■ 17.9785, 26.4119,
-5.4575

■ 19.1205, 23.7290,
-5.5149

■ 20.5474, 20.5034,
-5.1688

■ 22.2307, 16.9400,
-4.4854

■ 24.1388, 13.2034,
-3.5366

■ 26.2409, 9.4074,
-2.3865

■ 28.5098, 5.6217,
-1.0866

■ 30.9220, 1.8843,
0.3245

Harmonies

Analogous

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



16.4183, 21.3882, -22.6122



16.4178, 30.0393, -4.3000



16.4183, 28.7513, 6.6561

Triad

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



16.4183, 30.0377, -4.2994



16.4183, -7.8824, 11.4928



16.4183, -13.9578, -27.2721

Complementary

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



16.4178, 30.0393, -4.3000



28.5076, -22.9247, 13.8568

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.



16.4183, -18.0355, -8.2361



16.4178, 30.0393, -4.3000



16.4183, -15.3236, 10.5291

Square

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



16.4183, 30.0377, -4.2994



16.4183, 4.1500, 11.4928



16.4183, -18.4463, 4.8017



16.4183, -5.3635, -41.1746

Rectangle

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



16.4178, 30.0393, -4.3000



16.4183, 22.4974, 10.1273



16.4183, -18.4463, 4.8017



16.4183, -15.7756, -20.8059

Sweetspot

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



16.4183, 30.0377, -4.2994



34.4524, 12.9204, -3.3102



10.7538, 25.9275, -51.3049



16.4850, 6.9959, -1.8317



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



16.4183, 30.0377, -4.2994



21.6798, 39.5873, -5.0597



15.5168, 26.7503, 8.6336



15.3923, 0.7118, 0.2458



19.2874, 35.2463, -4.7158



44.9392, 81.7770, -8.3045

Inverse Universe

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



16.4183, 30.0377, -4.2994



21.6798, 39.5873, -5.0597



29.3369, -17.8410, 1.8459



15.3923, 0.7118, 0.2458



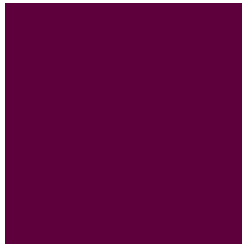
19.2874, 35.2463, -4.7158



44.9392, 81.7770, -8.3045

Previews

White Background



This preview shows how the HunterLab color 16.4178, 30.0393, -4.3000 looks on a white background.

Color Contrast Check

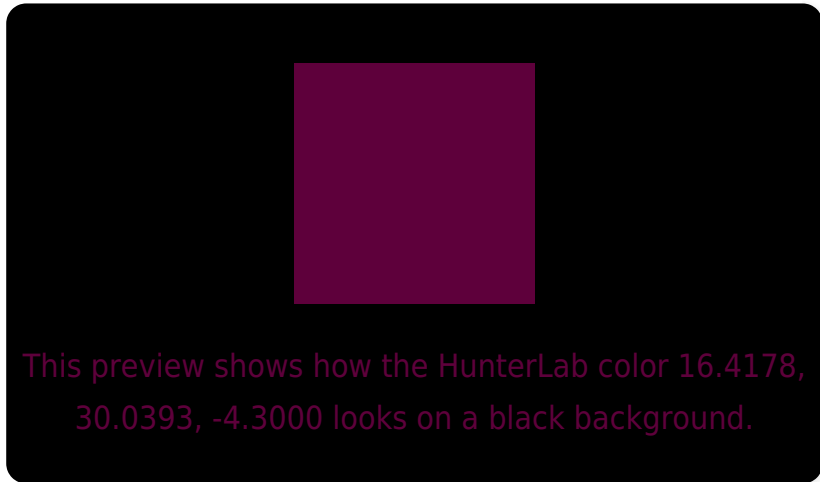
Large Text (above 18pt) WCAG AA ✓ Pass

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

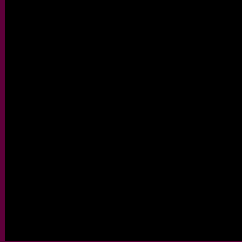
Any Text WCAG AA × Fail

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 16.4178, 30.0393, -4.3000 Background



This preview shows how black text looks on a background with the HunterLab color 16.4178, 30.0393, -4.3000.



This preview shows how white text looks on a background with the HunterLab color 16.4178, 30.0393,

-4.3000.

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

16.4178, 30.0393, -4.3000

Protanopia

17.9160, 2.8321, -17.3522

Deuteranopia

17.6630, 1.0519, -1.2304



Tritanopia

17.1874, 20.6545, 7.9714

Trichromacy



Original Color

16.4178, 30.0393, -4.3000

Protanomaly

15.3053, 13.1646, -16.8256

Deuteranomaly

15.6805, 12.6125, -4.2636

Tritanomaly

16.7403, 24.2211, 4.5403

Monochromacy



Original Color

16.4178, 30.0393, -4.3000

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.6350, 11.4051, -3.1965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4178, 30.0393, -4.3000 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(94, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 59)  
}
```

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(94, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4178, 30.0393, -4.3000 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(94, 0, 59) }
```


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

```
.border{ border-color:rgb(94, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(94, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 0, 59); box-shadow:4px  
4px 4px 4px rgb(94, 0, 59) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4178, 30.0393, -4.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 59) }
```

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

```
.background{ background-color: rgb(94, 0,  
59) }
```

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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