

Converting Colors

HunterLab(15.2030, 48.2032,
-4.4808)

Have a look what the booklet for
HunterLab(15.2030, 48.2032,
-4.4808) contains.

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Color

**HunterLab(18.8062, 33.7244,
0.3833)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6D0038 |
| RGB | 109, 0, 56 |
| RGB Percent | 43%, 0%, 22% |
| CMY | 0.5725, 1.0000, 0.7804 |
| CMYK | 0.00, 1.00, 0.49, 0.57 |
| HSL | 329°, 100%, 21% |
| HSV | 329°, 100%, 43% |
| XYZ | 7.0205, 3.5367, 4.0540 |
| YIQ | 38.9750, 46.9880, 40.5240 |

Conversions

Conversions Part 2

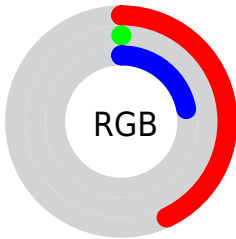
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 109, 0, 56 |
| Decimal | 7143480 |
| CIELab | 22.08, 45.66, -1.13 |
| CIELCh | 22, 45.676, 358.578 |
| Yxy | 3.5369, 0.4805, 0.2421 |
| Android (android.graphics.Color) | 4285333560 (0xFF6D0038) |
| YUV | 38.9750, 8.3933, 61.4119 |
| Hunter-Lab | 18.8062, 33.7244, 0.3833 |

Details

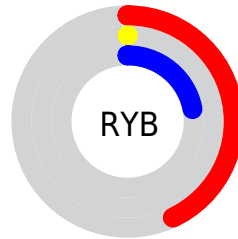
The HunterLab color **18.8062, 33.7244, 0.3833** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **33.4581, -25.9462, 14.1918**, and the grayscale version is **14.2005, -0.7577, 0.7715**.

A 20% lighter version of the original color is **35.4029, 37.5872, 0.9831**, and **9.4678, 16.4943, 3.9446** is the 20% darker color. If you saturate the color by 10%, you get **18.8061, 33.7239, 0.3850**, and if you desaturate by 10%, it is **19.5669, 32.1309, -0.8870**.

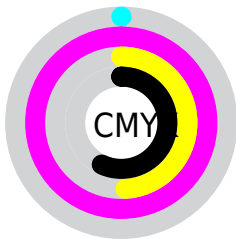
Distribution



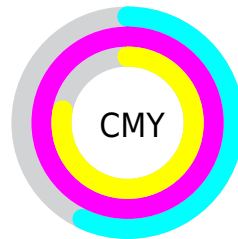
- Red (43%)
- Green (0%)
- Blue (22%)



- Red (43%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8062, 33.7244, 0.3833 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 18.8062, 33.7244, 0.3833 by changing the saturation by 10% instead.

18.8062, 33.7244,
0.3833

18.8062, 33.7244,
0.3833

116.0170, 46.7958,
5.1558

11.9083, 31.9452,
0.0954

35.4261, 37.3610,
1.1428

4.7956, 45.0249,
-0.7187

44.9591, 39.0355,
1.5982

0.0000, INF, NaN

0.0000, NaN, NaN

55.2206, 40.5927,
2.0977

0.0000, NaN, NaN

66.1622, 42.0356,
2.6378

0.0000, NaN, NaN

77.7439, 43.3703,
3.2157

0.0000, NaN, NaN

0.0000, NaN, NaN

89.9322, 44.6041,

3.8293

0.0000, NaN, NaN

102.6983, 45.7438,
4.4765

18.8062, 33.7244,
0.3833

18.8062, 33.7244,
0.3833

18.8061, 33.7239,
0.3850

19.5669, 32.1309,
-0.8870

20.5384, 30.0327,
-1.9675

21.8849, 27.0254,
-2.6056

23.5845, 23.3589,
-2.8033

25.6010, 19.2874,
-2.6073

■ 27.8932, 15.0135,
-2.0833

■ 30.4221, 10.6747,
-1.2968

■ 33.1528, 6.3533,
-0.3046

■ 36.0563, 2.0922,
0.8478

Harmonies

Analogous

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



18.8068, 27.5539, -17.5588



18.8062, 33.7244, 0.3833



18.8068, 28.5719, 9.5589

Triad

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



18.8068, 33.7224, 0.3839



18.8068, -12.1263, 13.1647



18.8068, -12.9749, -35.9807

Complementary

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



18.8062, 33.7244, 0.3833



33.4581, -25.9462, 14.1918

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.



18.8068, -19.1466, -15.5801



18.8062, 33.7244, 0.3833



18.8068, -18.7657, 10.0224

Square

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



18.8068, 33.7224, 0.3839



18.8068, -0.3388, 13.1647



18.8068, -20.9134, 1.6418



18.8068, -1.6610, -46.0143

Rectangle

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



18.8062, 33.7244, 0.3833



18.8068, 20.0641, 12.3240



18.8068, -20.9134, 1.6418



18.8068, -15.5830, -29.6158

Sweetspot

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



18.8068, 33.7224, 0.3839



40.4139, 14.7730, -1.8354



13.6118, 31.4178, -54.0818



18.9732, 8.0037, -1.0564



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



18.8068, 33.7224, 0.3839



25.1150, 44.9445, 1.2342



18.0428, 30.9179, 11.4868



17.7209, 0.8042, 0.4757



20.3266, 36.4285, 0.5883



45.6910, 81.5303, 4.0743

Inverse Universe

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



18.8068, 33.7224, 0.3839



25.1150, 44.9445, 1.2342



34.6449, -18.7291, -2.8714



17.7209, 0.8042, 0.4757



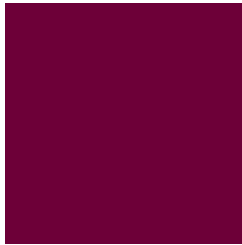
20.3266, 36.4285, 0.5883



45.6910, 81.5303, 4.0743

Previews

White Background



This preview shows how the HunterLab color 18.8062, 33.7244, 0.3833 looks on a white background.

Color Contrast Check

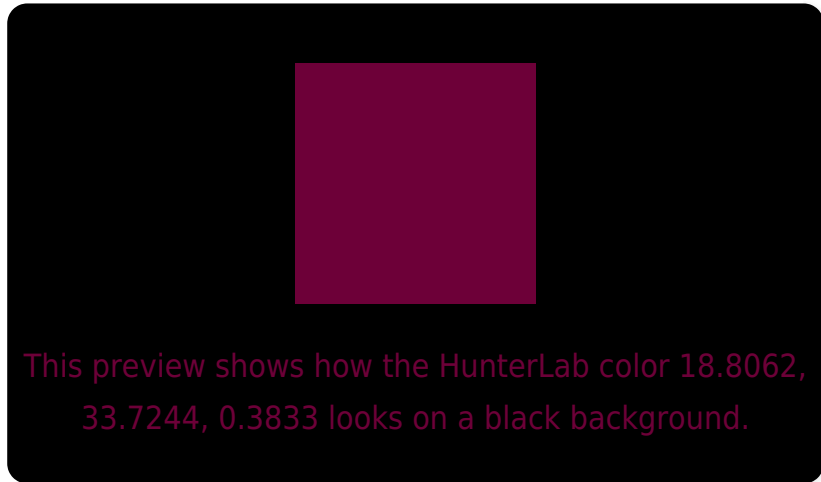
Large Text (above 18pt) WCAG AA ✓ Pass

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

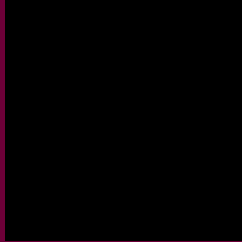
Any Text WCAG AA × Fail

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 18.8062, 33.7244, 0.3833 Background



This preview shows how black text looks on a background with the HunterLab color 18.8062, 33.7244, 0.3833.



This preview shows how white text looks on a background with the HunterLab color 18.8062, 33.7244,

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

18.8062, 33.7244, 0.3833

Protanopia

20.1876, 1.5077, -10.3970

Deuteranopia

20.1529, 0.8533, 3.2188



Tritanopia

19.3844, 25.8874, 10.0761

Trichromacy



Original Color

18.8062, 33.7244, 0.3833

Protanomaly

17.5192, 14.1631, -9.7055

Deuteranomaly

17.7893, 14.5432, -0.0095

Tritanomaly

19.0203, 28.9362, 7.5093

Monochromacy



Original Color

18.8062, 33.7244, 0.3833

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.0524, 12.6979, -1.5933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8062, 33.7244, 0.3833 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(109, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 56)  
}
```

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(109, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8062, 33.7244, 0.3833 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(109, 0, 56) }
```


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

```
.border{ border-color:rgb(109, 0, 56) }
```

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

Here you see how a box with a 4 pixel rgb(109, 0, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 56);  
box-shadow:4px 4px 4px 4px rgb(109, 0, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.8062, 33.7244, 0.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 56) }
```

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

```
.background{ background-color: rgb(109, 0,  
56) }
```

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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