

Converting Colors

HunterLab(18.5316, 33.3666,
-0.6661)

Have a look what the booklet for
HunterLab(18.5316, 33.3666,
-0.6661) contains.

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Color

**HunterLab(18.5237, 33.3716,
-0.8141)**

Conversions

Conversions Part 1

Format	Color
Hex	6B003A
RGB	107, 0, 58
RGB Percent	42%, 0%, 23%
CMY	0.5804, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.46, 0.58
HSL	327°, 100%, 21%
HSV	327°, 100%, 42%
XYZ	6.8271, 3.4313, 4.3054
YIQ	38.6050, 45.1540, 40.7220

Conversions

Conversions Part 2

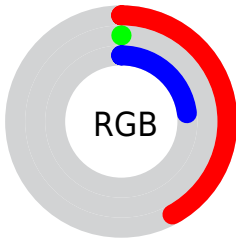
Format	Color
R_{YB}	107, 0, 58
Decimal	7012410
CIE _{Lab}	21.70, 45.37, -3.15
CIE _{LCh}	22, 45.474, 356.033
Yxy	3.4315, 0.4688, 0.2356
Android (android.graphics.Color)	4285202490 (0xFF6B003A)
YUV	38.6050, 9.5617, 59.9824
Hunter-Lab	18.5237, 33.3716, -0.8141

Details

The HunterLab color **18.5237, 33.3716, -0.8141** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **32.7677, -25.6811, 14.4823**, and the grayscale version is **14.0780, -0.7512, 0.7649**.

A 20% lighter version of the original color is **35.1589, 37.1251, -0.2227**, and **9.3554, 16.3901, 3.1876** is the 20% darker color. If you saturate the color by 10%, you get **18.5236, 33.3711, -0.8125**, and if you desaturate by 10%, it is **19.2777, 31.7668, -1.9835**.

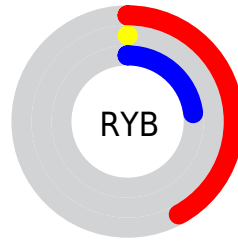
Distribution



Red (42%)

Green (0%)

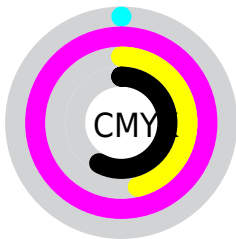
Blue (23%)



Red (42%)

Yellow (0%)

Blue (23%)

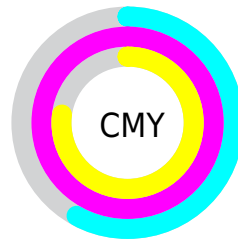


Cyan (0%)

Magenta (100%)

Yellow (46%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5237, 33.3716, -0.8141 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 18.5237, 33.3716, -0.8141 by changing the saturation by 10% instead.

18.5237, 33.3716,
-0.8141

18.5237, 33.3716,
-0.8141

115.4980, 46.3862,
3.0451

11.6659, 31.6026,
-0.9536

35.0769, 36.9970,
-0.3075

4.3320, 48.8067,
-2.7742

44.5809, 38.6658,
0.0364

0.0000, INF, NaN

0.0000, NaN, NaN

54.8155, 40.2169,
0.4318

0.0000, NaN, NaN

65.7319, 41.6533,
0.8740

0.0000, NaN, NaN

77.2898, 42.9814,
1.3591


0.0000, NaN, NaN


0.0000, NaN, NaN


89.4555, 44.2083,


1.8843

0.0000, NaN, NaN


 102.1999, 45.3411,
2.4470


 18.5237, 33.3716,
-0.8141


 18.5237, 33.3716,
-0.8141


 18.5236, 33.3711,
-0.8125

 19.2777, 31.7668,
-1.9835

 20.2292, 29.6878,
-2.9505

 21.5448, 26.7175,
-3.4602

 23.2036, 23.0995,
-3.5242

 25.1705, 19.0814,
-3.1962

■ 27.4060, 14.8613,
-2.5463

■ 29.8724, 10.5746,
-1.6419

■ 32.5361, 6.3026,
-0.5404

■ 35.3686, 2.0884,
0.7131

Harmonies

Analogous

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



18.5242, 26.3690, -19.2136



18.5237, 33.3716, -0.8141



18.5242, 29.1839, 8.9886

Triad

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



18.5242, 33.3697, -0.8135



18.5242, -11.2066, 12.9670



18.5242, -13.5474, -34.2288

Complementary

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



18.5237, 33.3716, -0.8141



32.7677, -25.6811, 14.4823

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.



18.5242, -19.2371, -13.7386



18.5237, 33.3716, -0.8141



18.5242, -18.1877, 10.2821

Square

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



18.5242, 33.3697, -0.8135



18.5242, 0.8715, 12.9670



18.5242, -20.6482, 2.6621



18.5242, -2.7796, -45.5808

Rectangle

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



18.5237, 33.3716, -0.8141



18.5242, 21.1203, 11.9208



18.5242, -20.6482, 2.6621



18.5242, -15.9800, -27.6850

Sweetspot

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



18.5242, 33.3697, -0.8135



39.6804, 14.6418, -2.3120



13.0149, 30.4406, -54.8143



18.9932, 8.1036, -1.3392



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.



18.5242, 33.3697, -0.8135



24.7371, 44.4734, -0.3745



17.7136, 30.3986, 10.9322



17.7247, 0.8245, 0.4220



20.4159, 36.7526, -0.6808



45.8926, 82.2635, 1.1974

Inverse Universe

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



18.5242, 33.3697, -0.8135



24.7371, 44.4734, -0.3745



33.8641, -18.9979, -1.3153



17.7247, 0.8245, 0.4220



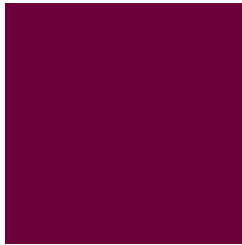
20.4159, 36.7526, -0.6808



45.8926, 82.2635, 1.1974

Previews

White Background



This preview shows how the HunterLab color 18.5237, 33.3716, -0.8141 looks on a white background.

Color Contrast Check

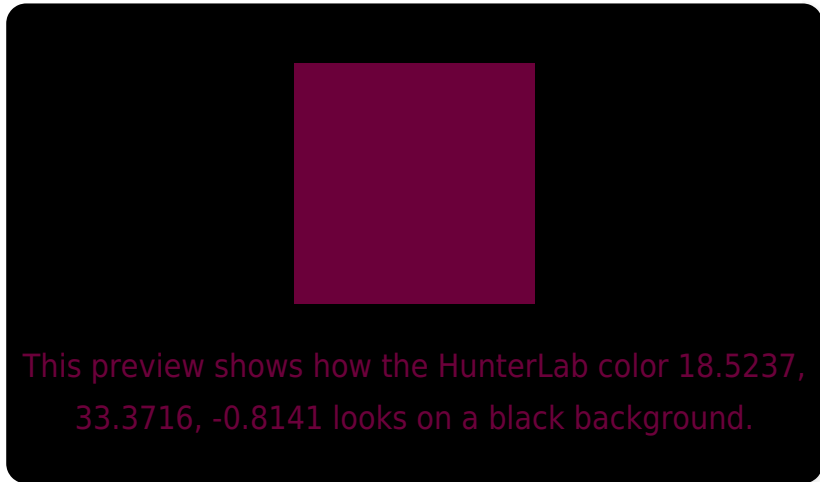
Large Text (above 18pt) WCAG AA ✓ Pass

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

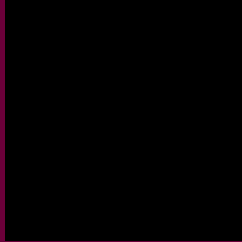
Any Text WCAG AA × Fail

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 18.5237, 33.3716, -0.8141 Background



This preview shows how black text looks on a background with the HunterLab color 18.5237, 33.3716, -0.8141.



This preview shows how white text looks on a background with the HunterLab color 18.5237, 33.3716, -0.8141.

-0.8141.

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

18.5237, 33.3716, -0.8141

Protanopia

19.8829, 1.9512, -12.7252

Deuteranopia

19.7977, 0.9532, 2.1291



Tritanopia

19.1779, 24.9532, 9.7481

Trichromacy



Original Color

18.5237, 33.3716, -0.8141

Protanomaly

17.1435, 14.3015, -12.2074

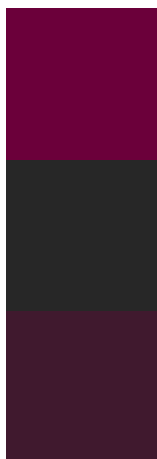
Deuteranomaly

17.4344, 14.5744, -1.2936

Tritanomaly

18.7968, 28.1965, 6.8115

Monochromacy



Original Color

18.5237, 33.3716, -0.8141

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.0802, 12.8231, -1.9836

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5237, 33.3716, -0.8141 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(107, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 58)  
}
```

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(107, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5237, 33.3716, -0.8141 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(107, 0, 58) }
```


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

```
.border{ border-color:rgb(107, 0, 58) }
```

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

Here you see how a box with a 4 pixel rgb(107, 0, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(107, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5237, 33.3716, -0.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 58) }
```

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

```
.background{ background-color: rgb(107, 0,  
58) }
```

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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