

Converting Colors

HunterLab(13.7840, 56.5572,
1.6821)

Have a look what the booklet for
HunterLab(13.7840, 56.5572,
1.6821) contains.

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Color

**HunterLab(18.9333, 33.1629,
6.5048)**

Conversions

Conversions Part 1

Format	Color
Hex	700026
RGB	112, 0, 38
RGB Percent	44%, 0%, 15%
CMY	0.5608, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.66, 0.56
HSL	340°, 100%, 22%
HSV	340°, 100%, 44%
XYZ	7.0320, 3.5847, 2.1550
YIQ	37.8200, 54.5540, 35.5620

Conversions

Conversions Part 2

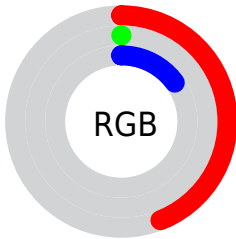
Format	Color
R_{YB}	112, 0, 38
Decimal	7340070
CIE _{Lab}	22.25, 45.04, 11.85
CIE _{LCh}	22, 46.569, 14.737
Yxy	3.5849, 0.5506, 0.2807
Android (android.graphics.Color)	4285530150 (0xFF700026)
YUV	37.8200, 0.0887, 65.0559
Hunter-Lab	18.9333, 33.1629, 6.5048

Details

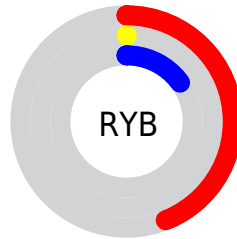
The HunterLab color **18.9333, 33.1629, 6.5048** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **34.7605, -24.7274, 9.9328**, and the grayscale version is **13.8536, -0.7392, 0.7527**.

A 20% lighter version of the original color is **35.4954, 36.7632, 9.1818**, and **9.4960, 16.2852, 5.9572** is the 20% darker color. If you saturate the color by 10%, you get **18.9331, 33.1624, 6.5066**, and if you desaturate by 10%, it is **19.7016, 31.5311, 5.0984**.

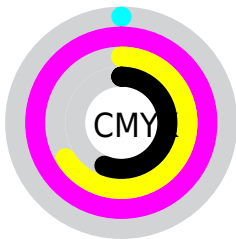
Distribution



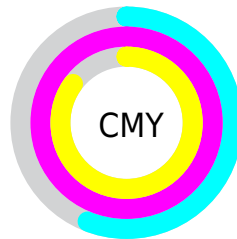
- Red (44%)
- Green (0%)
- Blue (15%)



- Red (44%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9333, 33.1629, 6.5048 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 18.9333, 33.1629, 6.5048 by changing the saturation by 10% instead.

18.9333, 33.1629,
6.5048

18.9333, 33.1629,
6.5048

116.2500, 46.0304,
17.7548

12.0175, 31.3820,
5.2139

35.5831, 36.7627,
9.1445

4.9896, 42.7519,
3.4927

45.1290, 38.4135,
10.3993

0.0000, INF, NaN

0.0000, NaN, NaN

55.4025, 39.9463,
11.6342

0.0000, NaN, NaN

66.3554, 41.3647,
12.8586

0.0000, NaN, NaN

77.9478, 42.6751,
14.0789


0.0000, NaN, NaN


0.0000, NaN, NaN


90.1462, 43.8850,


15.2998


0.0000, NaN, NaN


 102.9220, 45.0012,
16.5243


 18.9333, 33.1629,
6.5048


 18.9333, 33.1629,
6.5048


 18.9331, 33.1624,
6.5066

 19.7016, 31.5311,
5.0984

 20.7114, 29.3841,
3.7030

 22.1248, 26.3410,
2.5630

 23.9158, 22.6678,
1.7327

 26.0427, 18.6274,
1.2172

■ 28.4597, 14.4224,
0.9904

■ 31.1239, 10.1850,
1.0130

■ 33.9979, 5.9901,
1.2437

■ 37.0504, 1.8737,
1.6456

Harmonies

Analogous

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



18.9339, 33.0558, -7.1320



18.9333, 33.1629, 6.5048



18.9339, 22.4644, 12.0316

Triad

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



18.9339, 33.1606, 6.5053



18.9339, -16.6141, 12.0978



18.9339, -7.6577, -44.8339

Complementary

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



18.9333, 33.1629, 6.5048



34.7605, -24.7274, 9.9328

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.



18.9339, -16.7273, -27.7551



18.9333, 33.1629, 6.5048



18.9339, -20.7660, 6.6587

Square

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



18.9339, 33.1606, 6.5053



18.9339, -7.4501, 13.2537



18.9339, -20.8002, -6.8105



18.9339, 6.4226, -45.0082

Rectangle

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



18.9333, 33.1629, 6.5048



18.9339, 12.0628, 13.2537



18.9339, -20.8002, -6.8105



18.9339, -11.2844, -40.5263

Sweetspot

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



18.9339, 33.1606, 6.5053



40.9607, 13.9455, 1.3294



16.0590, 34.7821, -46.0912



19.4994, 7.7332, 0.6344



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



18.9339, 33.1606, 6.5053



25.0518, 43.7975, 9.2462



19.5953, 28.3769, 12.5704



18.4891, 0.7284, 0.8380



20.3471, 35.6201, 7.1399



45.2509, 78.9049, 18.3001

Inverse Universe

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



18.9339, 33.1606, 6.5053



25.0518, 43.7975, 9.2462



30.6442, -12.6483, -10.9973



18.4891, 0.7284, 0.8380



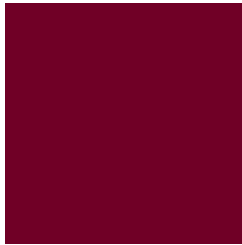
20.3471, 35.6201, 7.1399



45.2509, 78.9049, 18.3001

Previews

White Background



This preview shows how the HunterLab color 18.9333, 33.1629, 6.5048 looks on a white background.

Color Contrast Check

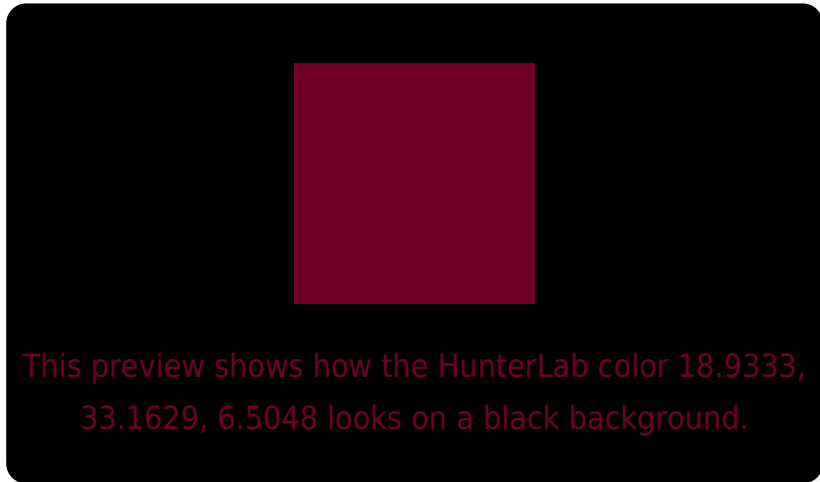
Large Text (above 18pt) WCAG AA ✓ Pass

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

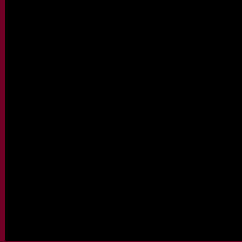
Any Text WCAG AA × Fail

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 18.9333, 33.1629, 6.5048 Background



This preview shows how black text looks on a background with the HunterLab color 18.9333, 33.1629, 6.5048.



This preview shows how white text looks on a background with the HunterLab color 18.9333, 33.1629,

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

18.9333, 33.1629, 6.5048

Protanopia

20.3509, -0.7000, 1.6278

Deuteranopia

20.3575, 0.9073, 8.3695



Tritanopia

19.3655, 28.7799, 11.2710

Trichromacy



Original Color

18.9333, 33.1629, 6.5048

Protanomaly

17.6159, 13.0185, 1.3029

Deuteranomaly

18.0408, 14.4439, 6.1437

Tritanomaly

19.1168, 30.1227, 9.9528

Monochromacy



Original Color

18.9333, 33.1629, 6.5048

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.8457, 12.5959, 0.8998

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9333, 33.1629, 6.5048 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(112, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 38)  
}
```

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(112, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9333, 33.1629, 6.5048 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(112, 0, 38) }
```


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

```
.border{ border-color:rgb(112, 0, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 0, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 38);  
box-shadow:4px 4px 4px 4px rgb(112, 0, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9333, 33.1629, 6.5048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 38) }
```

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

```
.background{ background-color: rgb(112, 0,  
38) }
```

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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