

Converting Colors

HunterLab(19.1340, 33.8296,
4.1310)

Have a look what the booklet for
HunterLab(19.1340, 33.8296,
4.1310) contains.

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Color

**HunterLab(19.1049, 33.7920,
4.0179)**

Conversions

Conversions Part 1

Format	Color
Hex	70002F
RGB	112, 0, 47
RGB Percent	44%, 0%, 18%
CMY	0.5608, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.58, 0.56
HSL	335°, 100%, 22%
HSV	335°, 100%, 44%
XYZ	7.1952, 3.6500, 3.0146
YIQ	38.8460, 51.6650, 38.3610

Conversions

Conversions Part 2

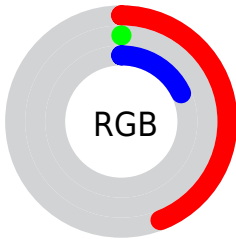
Format	Color
R_{YB}	112, 0, 47
Decimal	7340079
CIE _{Lab}	22.48, 45.65, 5.84
CIE _{LCh}	22, 46.026, 7.289
Yxy	3.6502, 0.5191, 0.2634
Android (android.graphics.Color)	4285530159 (0xFF70002F)
YUV	38.8460, 4.0199, 64.1561
Hunter-Lab	19.1049, 33.7920, 4.0179

Details

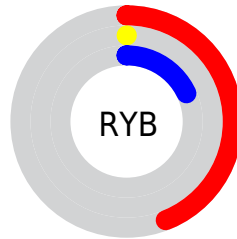
The HunterLab color **19.1049, 33.7920, 4.0179** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **34.5979, -25.7278, 12.2958**, and the grayscale version is **14.1717, -0.7562, 0.7700**.

A 20% lighter version of the original color is **35.9056, 37.4445, 5.6799**, and **9.6540, 16.5555, 6.0622** is the 20% darker color. If you saturate the color by 10%, you get **19.1047, 33.7914, 4.0197**, and if you desaturate by 10%, it is **19.8761, 32.1973, 2.5830**.

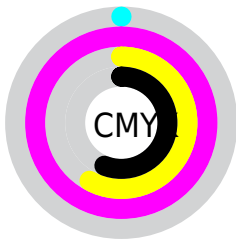
Distribution



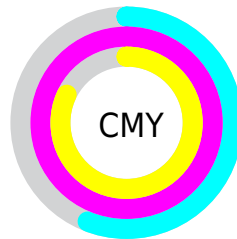
- Red (44%)
- Green (0%)
- Blue (18%)



- Red (44%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1049, 33.7920, 4.0179 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 19.1049, 33.7920, 4.0179 by changing the saturation by 10% instead.

19.1049, 33.7920,
4.0179

19.1049, 33.7920,
4.0179

116.5639, 46.8268,
12.1402

12.1650, 32.0033,
3.1439

35.7947, 37.4228,
5.7352

5.2393, 41.8022,
3.6675

45.3580, 39.0924,
6.6022

0.0000, INF, NaN

0.0000, NaN, NaN

55.6478, 40.6447,
7.4822

0.0000, NaN, NaN

66.6158, 42.0828,
8.3778

0.0000, NaN, NaN

78.2226, 43.4130,
9.2907

0.0000, NaN, NaN

0.0000, NaN, NaN

90.4346, 44.6426,

10.2217

0.0000, NaN, NaN

103.2234, 45.7784,
11.1715

19.1049, 33.7920,
4.0179

19.1049, 33.7920,
4.0179

19.1047, 33.7914,
4.0197

19.8761, 32.1973,
2.5830

20.8821, 30.0667,
1.2555

22.2844, 27.0155,
0.2837

24.0586, 23.3062,
-0.3022

26.1648, 19.2022,
-0.5217

■ 28.5588, 14.9098,
-0.4207

■ 31.1987, 10.5667,
-0.0528

■ 34.0477, 6.2527,
0.5315

■ 37.0751, 2.0080,
1.2898

Harmonies

Analogous

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



19.1055, 30.7875, -11.7624



19.1049, 33.7920, 4.0179



19.1055, 25.5369, 11.0146

Triad

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



19.1055, 33.7898, 4.0184



19.1055, -14.7742, 12.9096



19.1055, -10.3625, -41.0257

Complementary

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



19.1049, 33.7920, 4.0179



34.5979, -25.7278, 12.2958

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.



19.1055, -18.0983, -21.9635



19.1049, 33.7920, 4.0179



19.1055, -20.0845, 8.5332

Square

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



19.1055, 33.7898, 4.0184



19.1055, -4.3248, 13.3738



19.1055, -21.0954, -2.5118



19.1055, 2.5250, -45.9631

Rectangle

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



19.1049, 33.7920, 4.0179



19.1055, 15.8584, 13.3670



19.1055, -21.0954, -2.5118



19.1055, -13.5256, -35.6193

Sweetspot

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



19.1055, 33.7898, 4.0184



41.0626, 14.4630, -0.1202



14.9747, 33.4526, -50.8804



19.5545, 8.0102, -0.1501



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.



19.1055, 33.7898, 4.0184



25.2752, 44.6170, 6.0034



18.9922, 30.3286, 12.2329



18.5002, 0.7883, 0.6794



20.5308, 36.2934, 4.4776



45.6432, 80.3455, 12.5933

Inverse Universe

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



19.1055, 33.7898, 4.0184



25.2752, 44.6170, 6.0034



33.4340, -16.1778, -6.8652



18.5002, 0.7883, 0.6794



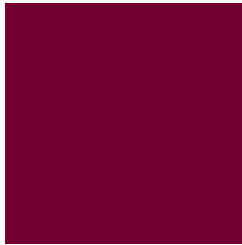
20.5308, 36.2934, 4.4776



45.6432, 80.3455, 12.5933

Previews

White Background



This preview shows how the HunterLab color 19.1049, 33.7920, 4.0179 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 19.1049, 33.7920, 4.0179 Background



This preview shows how black text looks on a background with the HunterLab color 19.1049, 33.7920, 4.0179.



This preview shows how white text looks on a background with the HunterLab color 19.1049, 33.7920,

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

19.1049, 33.7920, 4.0179

Protanopia

20.3859, 0.0676, -3.3427

Deuteranopia

20.3187, 1.0583, 6.1469



Tritanopia

19.7204, 27.9234, 10.9199

Trichromacy



Original Color

19.1049, 33.7920, 4.0179

Protanomaly

17.6762, 13.7715, -3.2061

Deuteranomaly

18.0796, 14.8803, 3.5867

Tritanomaly

19.3162, 30.0403, 8.8606

Monochromacy



Original Color

19.1049, 33.7920, 4.0179

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.2151, 12.9496, -0.1504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1049, 33.7920, 4.0179 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, 47)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 47)  
}
```

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, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1049, 33.7920, 4.0179 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, 47) }
```


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

```
.border{ border-color:rgb(112, 0, 47) }
```

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, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 47);  
box-shadow:4px 4px 4px 4px rgb(112, 0, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1049, 33.7920, 4.0179 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, 47) }
```

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

```
.background{ background-color: rgb(112, 0,  
47) }
```

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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