

Converting Colors

HunterLab(20.0183, 35.3042,
5.0120)

Have a look what the booklet for
HunterLab(20.0183, 35.3042,
5.0120) contains.

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Color

**HunterLab(19.9678, 35.2233,
4.9354)**

Conversions

Conversions Part 1

Format	Color
Hex	75002F
RGB	117, 0, 47
RGB Percent	46%, 0%, 18%
CMY	0.5412, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.60, 0.54
HSL	336°, 100%, 23%
HSV	336°, 100%, 46%
XYZ	7.8492, 3.9871, 3.0452
YIQ	40.3410, 54.6450, 39.4210

Conversions

Conversions Part 2

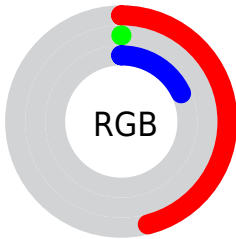
Format	Color
RYB	117, 0, 47
Decimal	7667759
CIELab	23.63, 46.92, 7.62
CIElCh	24, 47.535, 9.222
Yxy	3.9874, 0.5274, 0.2679
Android (android.graphics.Color)	4285857839 (0xFF75002F)
YUV	40.3410, 3.2829, 67.2299
Hunter-Lab	19.9678, 35.2233, 4.9354

Details

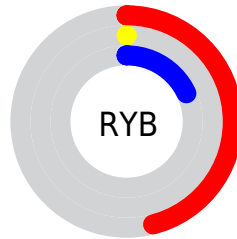
The HunterLab color **19.9678, 35.2233, 4.9354** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.2835, -26.7603, 12.4177**, and the grayscale version is **14.6564, -0.7820, 0.7963**.

A 20% lighter version of the original color is **36.8369, 38.8533, 6.7108**, and **10.2799, 17.6046, 6.6426** is the 20% darker color. If you saturate the color by 10%, you get **19.9676, 35.2227, 4.9374**, and if you desaturate by 10%, it is **20.7467, 33.6417, 3.3989**.

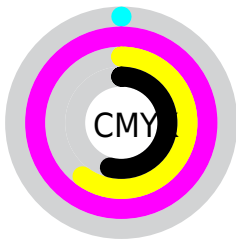
Distribution



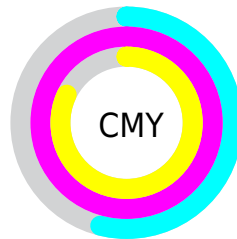
- Red (46%)
- Green (0%)
- Blue (18%)



- Red (46%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9678, 35.2233, 4.9354 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 19.9678, 35.2233, 4.9354 by changing the saturation by 10% instead.

■ 19.9678, 35.2233,
4.9354

■ 19.9678, 35.2233,
4.9354

■ 118.1325, 48.5398,
13.9659

■ 12.9093, 33.4042,
3.9027

■ 36.8559, 38.9078,
6.9131

■ 6.3390, 37.6295,
4.4373

■ 46.5055, 40.6074,
7.8919

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.8755, 42.1913,
8.8752

0.0000, NaN, NaN

■ 67.9189, 43.6620,
9.8672

0.0000, NaN, NaN

■ 79.5969, 45.0255,
10.8707

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.8766, 46.2886,


11.8876


0.0000, NaN, NaN


 104.7300, 47.4579,
12.9191


 19.9678, 35.2233,
4.9354


 19.9678, 35.2233,
4.9354


 19.9676, 35.2227,
4.9374

 20.7467, 33.6417,
3.3989

 21.7901, 31.4405,
1.9642

 23.2549, 28.2620,
0.8803

 25.1156, 24.3841,
0.1877

 27.3296, 20.0874,
-0.1273

■ 29.8497, 15.5926,
-0.1083

■ 32.6309, 11.0459,
0.1909

■ 35.6339, 6.5320,
0.7188

■ 38.8259, 2.0931,
1.4312

Harmonies

Analogous

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



19.9684, 32.8535, -11.0064



19.9678, 35.2233, 4.9354



19.9684, 25.9069, 11.7602

Triad

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



19.9684, 35.2210, 4.9359



19.9684, -15.9882, 13.1650



19.9684, -10.1418, -43.9773

Complementary

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



19.9678, 35.2233, 4.9354



36.2835, -26.7603, 12.4177

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.



19.9684, -18.5930, -24.5071



19.9678, 35.2233, 4.9354



19.9684, -21.2265, 8.4694

Square

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



19.9684, 35.2210, 4.9359



19.9684, -5.4001, 13.9779



19.9684, -22.0174, -3.7236



19.9684, 3.6714, -47.8808

Rectangle

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



19.9678, 35.2233, 4.9354



19.9684, 15.5646, 13.9779



19.9684, -22.0174, -3.7236



19.9684, -13.5760, -38.5974

Sweetspot

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



19.9684, 35.2210, 4.9359



43.3624, 15.2586, 0.2121



15.8831, 35.2821, -52.4181



20.1911, 8.2775, 0.0247



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.9684, 35.2210, 4.9359



26.6723, 46.9587, 7.3009



19.9845, 31.4992, 12.8648



19.2950, 0.8258, 0.7431



20.9522, 36.9462, 5.2841



46.0791, 80.9243, 14.1754

Inverse Universe

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



19.9684, 35.2210, 4.9359



26.6723, 46.9587, 7.3009



34.4270, -16.2022, -8.0536



19.2950, 0.8258, 0.7431



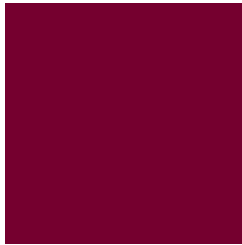
20.9522, 36.9462, 5.2841



46.0791, 80.9243, 14.1754

Previews

White Background



This preview shows how the HunterLab color 19.9678, 35.2233, 4.9354 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

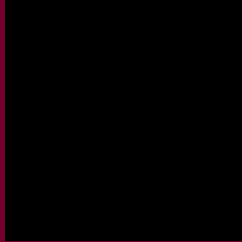
Any Text WCAG AA × Fail

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 19.9678, 35.2233, 4.9354 Background



This preview shows how black text looks on a background with the HunterLab color 19.9678, 35.2233, 4.9354.



This preview shows how white text looks on a background with the HunterLab color 19.9678, 35.2233,

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

19.9678, 35.2233, 4.9354

Protanopia

21.4271, -0.0625, -2.3770

Deuteranopia

21.3799, 1.0193, 7.1174



Tritanopia

20.5485, 29.5774, 11.5285

Trichromacy



Original Color

19.9678, 35.2233, 4.9354

Protanomaly

18.5165, 14.2893, -2.4765

Deuteranomaly

18.9201, 15.3893, 4.4607

Tritanomaly

20.1610, 31.6144, 9.5582

Monochromacy



Original Color

19.9678, 35.2233, 4.9354

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.4866, 13.6783, -0.1879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9678, 35.2233, 4.9354 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(117, 0, 47)` looks like.

```
.text, #text, p{  
    color:rgb(117, 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(117, 0, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9678, 35.2233, 4.9354 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(117, 0, 47) }
```


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

```
.border{ border-color:rgb(117, 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(117, 0, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 47);  
box-shadow:4px 4px 4px 4px rgb(117, 0, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9678, 35.2233, 4.9354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 0, 47) }
```

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

```
.background{ background-color: rgb(117, 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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