

Converting Colors

HunterLab(19.5128, 33.4406,
12.4195)

Have a look what the booklet for
HunterLab(19.5128, 33.4406,
12.4195) contains.

HunterLab(19.4584, 33.3456, 12.3989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.4584, 33.3456,
12.3989)**

Conversions

Conversions Part 1

Format	Color
Hex	750002
RGB	117, 0, 2
RGB Percent	46%, 0%, 1%
CMY	0.5412, 0.9999, 0.9922
CMYK	0.00, 1.00, 0.98, 0.54
HSL	359°, 100%, 23%
HSV	359°, 100%, 46%
XYZ	7.3471, 3.7863, 0.4010
YIQ	35.2110, 69.0900, 25.4260

Conversions

Conversions Part 2

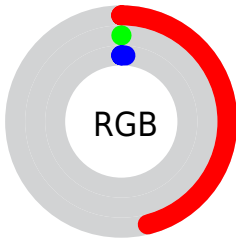
Format	Color
RYB	117, 0, 2
Decimal	7667714
CIELab	22.95, 45.09, 33.84
CIELCh	23, 56.376, 36.884
Yxy	3.7865, 0.6370, 0.3283
Android (android.graphics.Color)	4285857794 (0xFF750002)
YUV	35.2110, -16.3730, 71.7290
Hunter-Lab	19.4584, 33.3456, 12.3989

Details

The HunterLab color **19.4584, 33.3456, 12.3989** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **37.3639, -20.2096, -3.0736**, and the grayscale version is **13.0683, -0.6973, 0.7100**.

A 20% lighter version of the original color is **36.3694, 36.9591, 18.4991**, and **9.8125, 16.8265, 6.1675** is the 20% darker color. If you saturate the color by 10%, you get **19.4582, 33.3452, 12.3999**, and if you desaturate by 10%, it is **20.1700, 31.4299, 11.8091**.

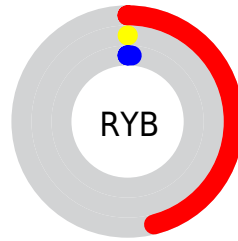
Distribution



Red (46%)

Green (0%)

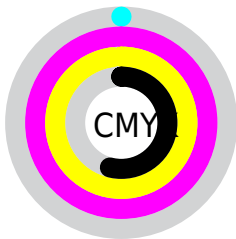
Blue (1%)



Red (46%)

Yellow (0%)

Blue (1%)

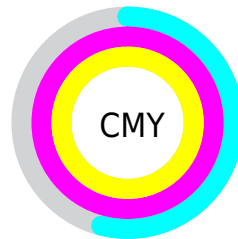


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (54%)



Cyan (54%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4584, 33.3456, 12.3989 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 19.4584, 33.3456, 12.3989 by changing the saturation by 10% instead.

■ 19.4584, 33.3456,
12.3989

■ 19.4584, 33.3456,
12.3989

■ 117.2085, 46.1688,
35.9359

■ 12.4695, 31.5501,
8.7287

■ 36.2301, 36.9381,
18.4175

■ 5.7175, 38.3748,
4.0022

■ 45.8291, 38.5826,
21.2487

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.1519, 40.1092,
23.9258

0.0000, NaN, NaN

■ 67.1510, 41.5217,
26.4832

0.0000, NaN, NaN

■ 78.7871, 42.8268,
28.9461

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.0271, 44.0318,


31.3334


0.0000, NaN, NaN


 103.8425, 45.1436,
33.6596


 19.4584, 33.3456,
12.3989


 19.4584, 33.3456,
12.3989


 19.4582, 33.3452,
12.3999

 20.1700, 31.4299,
11.8091

 21.1693, 28.9446,
10.9748

 22.6298, 25.6036,
9.9131

 24.5222, 21.7152,
8.7283

 26.7973, 17.5689,
7.5121

■ 29.4004, 13.3735,
6.3263

■ 32.2804, 9.2526,
5.2040

■ 35.3933, 5.2651,
4.1579

■ 38.7030, 1.4303,
3.1886

Harmonies

Analogous

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



19.4590, 44.2048, 4.4824



19.4584, 33.3456, 12.3989



19.4590, 13.8130, 13.6213

Triad

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



19.4590, 33.3430, 12.3992



19.4590, -23.1518, 9.8355



19.4590, 3.1094, -63.7919

Complementary

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



19.4584, 33.3456, 12.3989



37.3639, -20.2096, -3.0736

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.



19.4590, -12.4496, -56.2786



19.4584, 33.3456, 12.3989



19.4590, -24.2721, -3.1270

Square

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



19.4590, 33.3430, 12.3992



19.4590, -17.2469, 13.6213



19.4590, -21.1344, -29.1009



19.4590, 23.2133, -45.0349

Rectangle

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



19.4584, 33.3456, 12.3989



19.4590, 0.8014, 13.6213



19.4590, -21.1344, -29.1009



19.4590, -2.8140, -64.4030

Sweetspot

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



19.4590, 33.3430, 12.3992



42.8821, 12.8092, 7.0784



21.9134, 43.3849, -31.2722



19.9392, 7.0069, 3.6273



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.



19.4590, 33.3430, 12.3992



26.0346, 44.6069, 16.6533



25.4501, 16.3676, 15.9679



19.2400, 0.5292, 1.5284



20.4240, 34.9990, 13.0245



45.0720, 77.2078, 28.9644

Inverse Universe

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



19.4590, 33.3430, 12.3992



26.0346, 44.6069, 16.6533



21.8494, 2.2501, -32.1651



19.2400, 0.5292, 1.5284



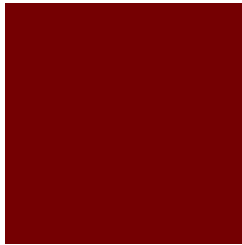
20.4240, 34.9990, 13.0245



45.0720, 77.2078, 28.9644

Previews

White Background



This preview shows how the HunterLab color 19.4584, 33.3456, 12.3989 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

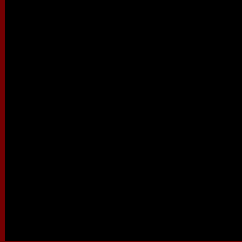
Any Text WCAG AA × Fail

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 19.4584, 33.3456, 12.3989 Background



This preview shows how black text looks on a background with the HunterLab color 19.4584, 33.3456, 12.3989.



This preview shows how white text looks on a background with the HunterLab color 19.4584, 33.3456,

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

19.4584, 33.3456, 12.3989

Protanopia

20.7862, -2.9111, 11.4683

Deuteranopia

20.6983, 0.3279, 12.7599



Tritanopia

19.8805, 30.9519, 12.7921

Trichromacy



Original Color

19.4584, 33.3456, 12.3989

Protanomaly

18.2741, 11.9193, 10.5374

Deuteranomaly

18.5408, 14.2737, 11.5828

Tritanomaly

19.6651, 31.7023, 12.5860

Monochromacy



Original Color

19.4584, 33.3456, 12.3989

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.2646, 12.0646, 4.7615

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4584, 33.3456, 12.3989 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, 2)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 2)  
}
```

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, 2) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 19.4584, 33.3456, 12.3989 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, 2) }
```


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

```
.border{ border-color:rgb(117, 0, 2) }
```

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, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(117, 0, 2); box-shadow:4px  
4px 4px 4px rgb(117, 0, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.4584, 33.3456, 12.3989 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, 2) }
```

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

```
.background{ background-color: rgb(117, 0,  
2) }
```

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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