

Converting Colors

HunterLab(5.7282, 58.0809,
4.0098)

Have a look what the booklet for
HunterLab(5.7282, 58.0809, 4.0098)
contains.

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Color

**HunterLab(11.9199, 20.4500,
7.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	490002
RGB	73, 0, 2
RGB Percent	29%, 0%, 1%
CMY	0.7137, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.97, 0.71
HSL	358°, 100%, 14%
HSV	358°, 100%, 29%
XYZ	2.7586, 1.4208, 0.1863
YIQ	22.0550, 42.8660, 16.0980

Conversions

Conversions Part 2

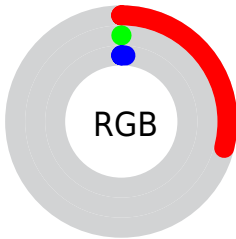
Format	Color
R_{YB}	73, 0, 2
Decimal	4784130
CIE _{Lab}	12.10, 32.55, 18.19
CIE _{LCh}	12, 37.291, 29.197
Yxy	1.4209, 0.6319, 0.3255
Android (android.graphics.Color)	4282974210 (0xFF490002)
YUV	22.0550, -9.8871, 44.6788
Hunter-Lab	11.9199, 20.4500, 7.4174

Details

The HunterLab color **11.9199, 20.4500, 7.4174** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.8474, -12.4819, -1.6117**, and the grayscale version is **8.9938, -0.4799, 0.4887**.

A 20% lighter version of the original color is **26.6485, 23.6344, 10.3695**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9198, 20.4497, 7.4180**, and if you desaturate by 10%, it is **12.6292, 18.5589, 6.8801**.

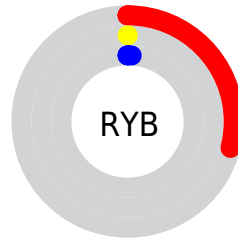
Distribution



Red (29%)

Green (0%)

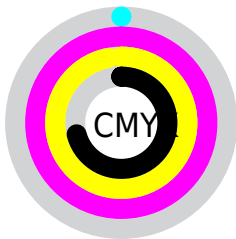
Blue (1%)



Red (29%)

Yellow (0%)

Blue (1%)

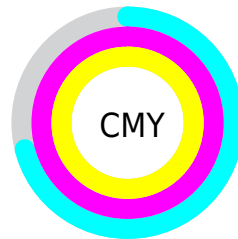


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (71%)



Cyan (71%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.9199, 20.4500, 7.4174 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 11.9199, 20.4500, 7.4174 by changing the saturation by 10% instead.

■ 11.9199, 20.4500,
7.4174

■ 11.9199, 20.4500,
7.4174

■ 102.7229, 30.1329,
21.8246

■ 4.8174, 29.6395,
3.3722

■ 26.6981, 23.4376,
10.4897

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.4434, 24.7388,
12.2686

0.0000, NaN, NaN

■ 44.9778, 25.9071,
13.9617

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.2406, 26.9535,
15.5958

0.0000, NaN, NaN


■ 66.1835, 27.8897,
17.1886


0.0000, NaN, NaN


■ 77.7664, 28.7259,


0.0000, NaN, NaN


18.7522


 89.9558, 29.4711,
20.2954


 11.9199, 20.4500,
7.4174


 11.9199, 20.4500,
7.4174


 11.9198, 20.4497,
7.4180

 12.6292, 18.5589,
6.8801

 13.3606, 16.8058,
6.3165

 14.3168, 14.7232,
5.6568

 15.4953, 12.4131,
4.9621

 16.8692, 10.0083,
4.2721

■ 18.4111, 7.5995,
3.6117

■ 20.0960, 5.2393,
2.9929

■ 21.9025, 2.9527,
2.4196

■ 23.8131, 0.7473,
1.8905

Harmonies

Analogous

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



11.9203, 24.3855, 0.3971



11.9199, 20.4500, 7.4174



11.9203, 10.5181, 8.3442

Triad

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



11.9203, 20.4484, 7.4176



11.9203, -13.5097, 7.7324



11.9203, -0.8974, -34.3090

Complementary

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



11.9199, 20.4500, 7.4174



22.8474, -12.4819, -1.6117

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.



11.9203, -8.7816, -26.9339



11.9199, 20.4500, 7.4174



11.9203, -15.4314, 0.8952

Square

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



11.9203, 20.4484, 7.4176



11.9203, -8.4507, 8.3442



11.9203, -13.7007, -11.6836



11.9203, 9.9142, -27.6257

Rectangle

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



11.9199, 20.4500, 7.4174



11.9203, 3.0710, 8.3442



11.9203, -13.7007, -11.6836



11.9203, -3.9401, -33.3355

Sweetspot

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



11.9203, 20.4484, 7.4176



25.8901, 7.1637, 3.9834



13.4328, 26.5830, -19.0789



13.1197, 4.0366, 2.1442



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



11.9203, 20.4484, 7.4176



15.5045, 26.5883, 9.7361



16.0139, 9.0005, 10.0248



12.3096, 0.2235, 0.9288



16.3830, 28.0927, 10.3045



40.4183, 69.2511, 25.8566

Inverse Universe

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



11.9203, 20.4484, 7.4176



15.5045, 26.5883, 9.7361



13.8847, 0.4626, -18.3521



12.3096, 0.2235, 0.9288



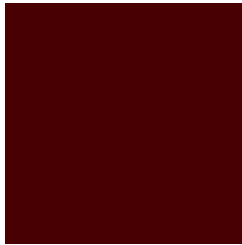
16.3830, 28.0927, 10.3045



40.4183, 69.2511, 25.8566

Previews

White Background



This preview shows how the HunterLab color 11.9199, 20.4500, 7.4174 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

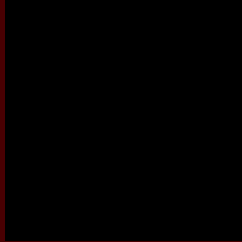
Any Text WCAG AA × Fail

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 11.9199, 20.4500, 7.4174 Background



This preview shows how black text looks on a background with the HunterLab color 11.9199, 20.4500, 7.4174.

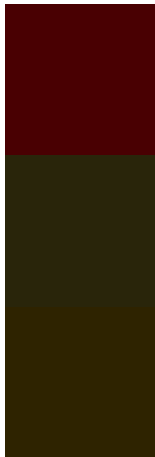


This preview shows how white text looks on a background with the HunterLab color 11.9199, 20.4500,

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

11.9199, 20.4500, 7.4174

Protanopia

13.4776, -1.9872, 7.0068

Deuteranopia

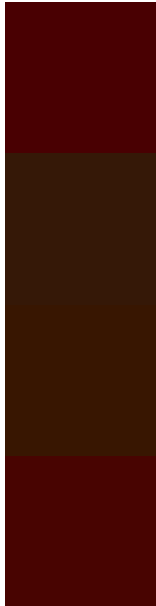
13.3525, -0.2701, 8.2231



Tritanopia

12.3680, 18.0230, 7.9366

Trichromacy



Original Color

11.9199, 20.4500, 7.4174

Protanomaly

11.9394, 6.5131, 6.4728

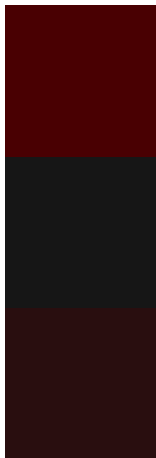
Deuteranomaly

11.9028, 8.0125, 7.3317

Tritanomaly

12.1109, 18.9157, 7.6533

Monochromacy



Original Color

11.9199, 20.4500, 7.4174

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

9.0553, 6.9744, 2.7428

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.9199, 20.4500, 7.4174 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(73, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(73, 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(73, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 0, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 11.9199, 20.4500, 7.4174 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(73, 0, 2) }
```


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

```
.border{ border-color:rgb(73, 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(73, 0, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 0, 2); box-shadow:4px  
4px 4px 4px rgb(73, 0, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.9199, 20.4500, 7.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 0, 2) }
```

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

```
.background{ background-color: rgb(73, 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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