

Converting Colors

HunterLab(18.4572, 18.2178,
9.7131)

Have a look what the booklet for
HunterLab(18.4572, 18.2178,
9.7131) contains.

HunterLab(18.4572, 18.2178, 9.7131)	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(18.4572, 18.2178,
9.7131)**

Conversions

Conversions Part 1

Format	Color
Hex	5E1F13
RGB	94, 31, 19
RGB Percent	37%, 12%, 7%
CMY	0.6314, 0.8784, 0.9255
CMYK	0.00, 0.67, 0.80, 0.63
HSL	10°, 66%, 22%
HSV	10°, 80%, 37%
XYZ	5.2236, 3.4067, 0.9983
YIQ	48.4690, 41.4000, 9.6240

Conversions

Conversions Part 2

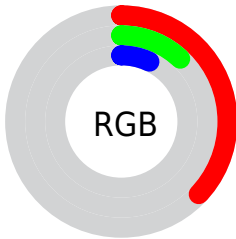
Format	Color
RYB	94, 33, 19
Decimal	6168339
CIELab	21.60, 28.01, 22.97
CIELCh	22, 36.228, 39.359
Yxy	3.4069, 0.5425, 0.3538
Android (android.graphics.Color)	4284358419 (0xFF5E1F13)
YUV	48.4690, -14.5282, 39.9307
Hunter-Lab	18.4572, 18.2178, 9.7131

Details

The HunterLab color **18.4572, 18.2178, 9.7131** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **26.4209, -10.3894, -7.6652**, and the grayscale version is **17.3860, -0.9277, 0.9446**.

A 20% lighter version of the original color is **34.9087, 20.6636, 14.1318**, and **7.3176, 12.5316, 4.7285** is the 20% darker color. If you saturate the color by 10%, you get **17.3719, 20.7413, 10.1267**, and if you desaturate by 10%, it is **19.7735, 15.5223, 9.0861**.

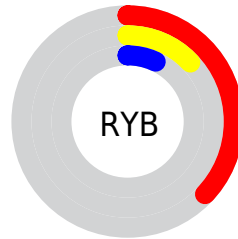
Distribution



Red (37%)

Green (12%)

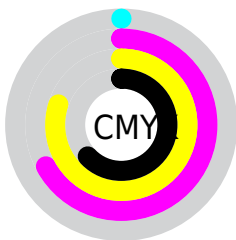
Blue (7%)



Red (37%)

Yellow (13%)

Blue (7%)

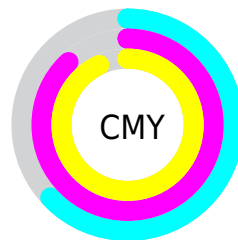


Cyan (0%)

Magenta (67%)

Yellow (80%)

Black (63%)



Cyan (63%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4572, 18.2178, 9.7131 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 18.4572, 18.2178, 9.7131 by changing the saturation by 10% instead.

■ 18.4572, 18.2178,
9.7131

■ 18.4572, 18.2178,
9.7131

■ 115.3755, 25.2927,
27.2624

■ 11.6089, 16.8212,
8.1262

■ 34.9946, 20.5765,
14.2357

■ 4.2150, 28.7345,
2.9505

■ 44.4917, 21.5510,
16.2783

0.0000, NaN, NaN

■ 54.7200, 22.4071,
18.2299

0.0000, NaN, NaN

■ 65.6304, 23.1576,
20.1147

0.0000, NaN, NaN

■ 77.1827, 23.8131,
21.9495

0.0000, NaN, NaN

■ 89.3430, 24.3827,

0.0000, NaN, NaN

23.7468

0.0000, NaN, NaN

■ 102.0824, 24.8737,
25.5154

■ 18.4572, 18.2178,
9.7131

■ 18.4572, 18.2178,
9.7131

■ 17.3719, 20.7413,
10.1267

■ 19.7735, 15.5223,
9.0861

■ 16.5161, 22.8765,
10.5570

■ 21.2956, 12.7823,
8.2875

■ 16.5002, 22.9161,
10.5686

■ 22.9991, 10.0807,
7.3608

■ 24.8605, 7.4677,
6.3421

■ 26.8586, 4.9676,
5.2590

■ 28.9753, 2.5874,
4.1314

■ 31.1955, 0.3243,
2.9728

■ 33.5064, -1.8300,
1.7924

■ 35.8975, -3.8860,
0.5961

Harmonies

Analogous

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



18.4577, 24.6367, 3.9667



18.4572, 18.2178, 9.7131



18.4577, 7.0144, 12.1687

Triad

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



18.4577, 18.2162, 9.7134



18.4577, -16.8120, 6.7500



18.4577, 2.5543, -31.5660

Complementary

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



18.4572, 18.2178, 9.7131



26.4209, -10.3894, -7.6652

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.



18.4577, -7.8198, -29.1647



18.4572, 18.2178, 9.7131



18.4577, -17.4706, -2.5476

Square

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



18.4577, 18.2162, 9.7134



18.4577, -12.5036, 10.8456



18.4577, -14.5767, -16.6813



18.4577, 14.3068, -22.0721

Rectangle

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



18.4572, 18.2178, 9.7131



18.4577, -0.7503, 12.6904



18.4577, -14.5767, -16.6813



18.4577, -1.2202, -32.2059

Sweetspot

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



18.4577, 18.2162, 9.7134



36.9346, 4.9658, 6.2129



18.6175, 28.7872, -13.9249



17.7571, 2.7980, 3.2137



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



18.4577, 18.2162, 9.7134



21.9514, 30.1358, 13.6742



25.5554, 2.6748, 14.3645



15.4916, 0.0530, 1.4089



19.2633, 27.4102, 12.3498



44.0610, 67.3867, 28.3299

Inverse Universe

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



26.4209, -10.3894, -7.6652



33.5644, -13.4884, -12.3086



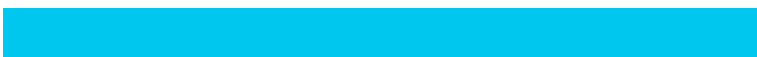
16.8598, 4.7655, -26.7677



16.0116, -1.6799, 0.3038



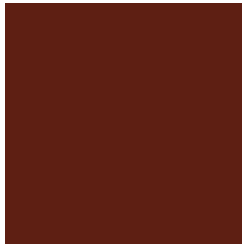
29.6478, -11.9586, -11.2421



68.5999, -26.9588, -27.5477

Previews

White Background



This preview shows how the HunterLab color 18.4572, 18.2178, 9.7131 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

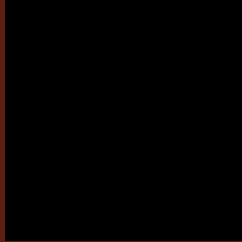
Any Text WCAG AA × Fail

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 18.4572, 18.2178, 9.7131 Background



This preview shows how black text looks on a background with the HunterLab color 18.4572, 18.2178, 9.7131.

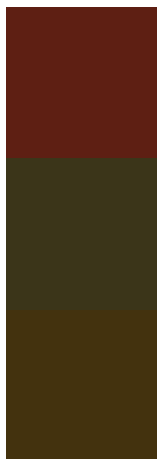


This preview shows how white text looks on a background with the HunterLab color 18.4572, 18.2178, 9.7131.

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

18.4572, 18.2178, 9.7131

Protanopia

18.8314, -2.1277, 8.6709

Deuteranopia

18.7249, 0.9261, 10.2389



Tritanopia

18.4585, 19.2182, 7.5466

Trichromacy



Original Color

18.4572, 18.2178, 9.7131

Protanomaly

18.2109, 5.0401, 8.6705

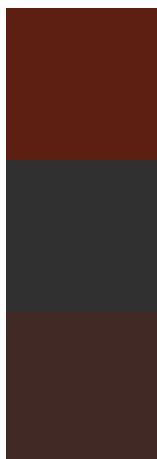
Deuteranomaly

18.2837, 7.2301, 9.8033

Tritanomaly

18.4048, 18.9825, 8.3329

Monochromacy



Original Color

18.4572, 18.2178, 9.7131

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0684, 5.0791, 4.5266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4572, 18.2178, 9.7131 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(94, 31, 19)` looks like.

```
.text, #text, p{  
    color:rgb(94, 31, 19)  
}
```

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(94, 31, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 31, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4572, 18.2178, 9.7131 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(94, 31, 19) }
```


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

```
.border{ border-color:rgb(94, 31, 19) }
```

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

Here you see how a box with a 4 pixel rgb(94, 31, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 31, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 31, 19);  
box-shadow:4px 4px 4px 4px rgb(94, 31, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4572, 18.2178, 9.7131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 31, 19) }
```

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

```
.background{ background-color: rgb(94, 31,  
19) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor