

Converting Colors

HunterLab(11.9027, -0.2708,
1.0153)

Have a look what the booklet for
HunterLab(11.9027, -0.2708, 1.0153)
contains.

HunterLab(11.8416, -0.1542, 0.8034)	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(11.8416, -0.1542,
0.8034)**

Conversions

Conversions Part 1

Format	Color
Hex	211F1F
RGB	33, 31, 31
RGB Percent	13%, 12%, 12%
CMY	0.8706, 0.8784, 0.8784
CMYK	0.00, 0.06, 0.06, 0.87
HSL	0°, 3%, 13%
HSV	0°, 6%, 13%
XYZ	1.3645, 1.4022, 1.4951
YIQ	31.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

Format	Color
R_{YB}	33, 31, 31
Decimal	2170655
CIE Lab	11.97, 0.95, 0.34
CIE LCh	12, 1.007, 19.541
Yxy	1.4023, 0.3202, 0.3290
Android (android.graphics.Color)	4280360735 (0xFF211F1F)
YUV	31.5980, -0.2948, 1.2296
Hunter-Lab	11.8416, -0.1542, 0.8034

Details

The HunterLab color **11.8416, -0.1542, 0.8034** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.2017, -1.1143, 0.5075**, and the grayscale version is **11.8933, -0.6346, 0.6462**.

A 20% lighter version of the original color is **26.6795, -0.8813, 1.6313**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.0553, 0.6980, 1.0329**, and if you desaturate by 10%, it is **12.6565, -0.9803, 0.5853**.

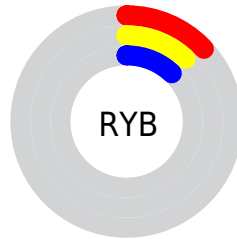
Distribution



 Red (13%)

 Green (12%)

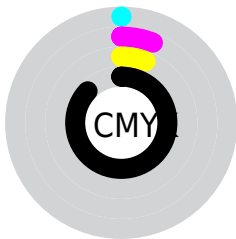
 Blue (12%)



 Red (13%)

 Yellow (12%)

 Blue (12%)

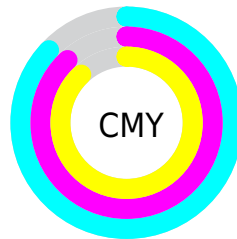


 Cyan (0%)


 Magenta (6%)

 Yellow (6%)

 Black (87%)



 Cyan (87%)

 Magenta (88%)

 Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.8416, -0.1542, 0.8034 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 11.8416, -0.1542, 0.8034 by changing the saturation by 10% instead.

■ 11.8416, -0.1542,
0.8034

■ 11.8416, -0.1542,
0.8034

102.5620, -4.5022,
5.9110

■ 4.6735, 0.6349,
0.5531

■ 26.5954, -0.7966,
1.6565

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.3306, -1.2017,
2.1529

0.0000, NaN, NaN

■ 44.8556, -1.6541,
2.6905

0.0000, NaN, NaN

■ 55.1098, -2.1495,
3.2664

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0445, -2.6844,
3.8783

0.0000, NaN, NaN

■ 77.6197, -3.2562,

0.0000, NaN, NaN

4.5241

■ 89.8019, -3.8628,
5.2022

■ 11.8416, -0.1542,
0.8034

■ 11.8416, -0.1542,
0.8034

■ 11.0553, 0.6980,
1.0329

■ 12.6565, -0.9803,
0.5853

■ 10.3003, 1.5789,
1.2739

■ 13.4961, -1.7818,
0.3769

■ 9.5813, 2.4883,
1.5270

■ 14.3582, -2.5613,
0.1775

■ 8.9032, 3.4242,
1.7919

■ 15.2407, -3.3214,
-0.0139

■ 8.2721, 4.3801,
2.0669

■ 16.1418, -4.0645,
-0.1983

■ 7.6947, 5.3439,
2.3483

■ 17.0599, -4.7929,
-0.3766

■ 7.1576, 6.3357,
2.6422

■ 17.9937, -5.5084,
-0.5494

■ 6.5838, 7.5227,
2.9990

■ 18.9422, -6.2128,
-0.7175

■ 5.9550, 9.0189,
3.4556

■ 19.9042, -6.9077,
-0.8813

Harmonies

Analogous

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



11.8419, -0.1335, 0.5574



11.8416, -0.1542, 0.8034



11.8419, -0.3042, 1.0031

Triad

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



11.8419, -0.1545, 0.8036



11.8419, -1.0130, 0.9510



11.8419, -0.7237, 0.1641

Complementary

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



11.8416, -0.1542, 0.8034



12.2017, -1.1143, 0.5075

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.



11.8419, -0.9573, 0.2745



11.8416, -0.1542, 0.8034



11.8419, -1.1233, 0.7312

Square

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



11.8419, -0.1545, 0.8036



11.8419, -0.8003, 1.0869



11.8419, -1.1030, 0.4833



11.8419, -0.4637, 0.1845

Rectangle

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



11.8416, -0.1542, 0.8034



11.8419, -0.4561, 1.0844



11.8419, -1.1030, 0.4833



11.8419, -0.8079, 0.1872

Sweetspot

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



11.8419, -0.1545, 0.8036



15.4345, -0.6097, 0.9104



11.8876, 0.0945, 0.1503



9.1334, -0.3837, 0.5310



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



11.8419, -0.1545, 0.8036



14.8847, -0.0385, 1.0623



12.0636, -0.5285, 1.0530



6.7242, -0.0930, 0.4545



12.9032, 22.0869, 8.3376



36.3346, 62.2146, 23.4784

Inverse Universe

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



12.2017, -1.1143, 0.5075



15.4522, -1.5524, 0.5952



11.9757, -0.7440, 0.2427



6.9246, -0.6276, 0.2896



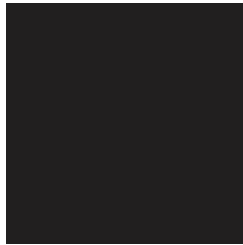
24.8214, -13.1546, -2.6275



69.9007, -37.0440, -7.4024

Previews

White Background



This preview shows how the HunterLab color 11.8416, -0.1542, 0.8034 looks on a white background.

Color Contrast Check

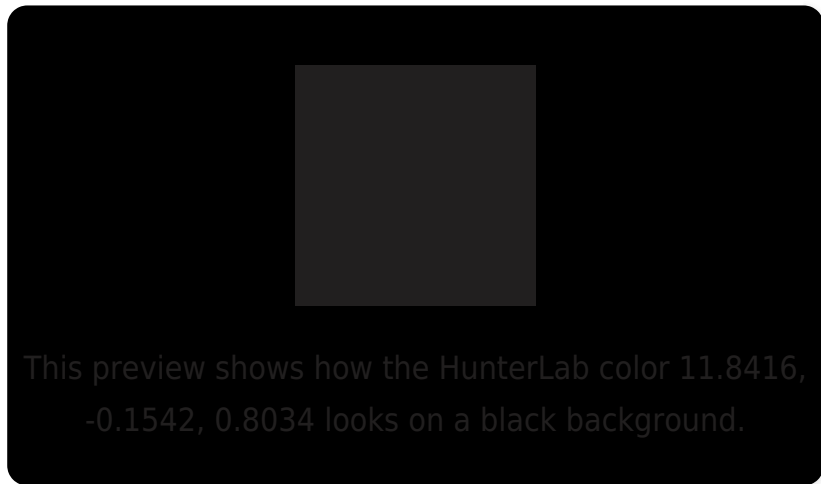
Large Text (above 18pt) WCAG AA ✓ Pass

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

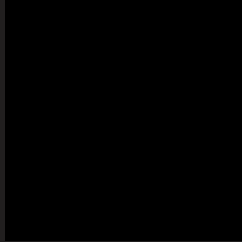
Any Text WCAG AA × Fail

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 11.8416, -0.1542, 0.8034 Background



This preview shows how black text looks on a background with the HunterLab color 11.8416, -0.1542, 0.8034.



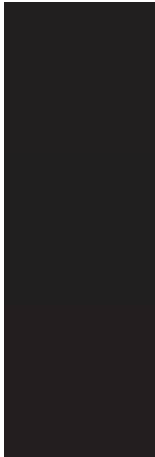
This preview shows how white text looks on a background with the HunterLab color 11.8416, -0.1542,

0.8034.

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

11.8416, -0.1542, 0.8034

Protanopia

11.7728, -0.3916, 0.7189

Deuteranopia

11.7678, 0.7142, 0.7324



Tritanopia

11.8874, 0.0945, 0.1502

Trichromacy



Original Color

11.8416, -0.1542, 0.8034

Protanomaly

11.7728, -0.3916, 0.7189

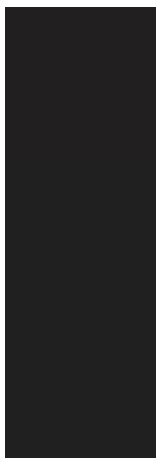
Deuteranomaly

11.6943, 0.4662, 0.6417

Tritanomaly

11.8642, -0.0315, 0.4812

Monochromacy



Original Color

11.8416, -0.1542, 0.8034

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0183, -0.6413, 0.6530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.8416, -0.1542, 0.8034 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(33, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(33, 31, 31)  
}
```

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(33, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 31, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 11.8416, -0.1542, 0.8034 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(33, 31, 31) }
```


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

```
.border{ border-color:rgb(33, 31, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 31, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 31, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 31, 31);  
box-shadow:4px 4px 4px 4px rgb(33, 31, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.8416, -0.1542, 0.8034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 31, 31) }
```

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

```
.background{ background-color: rgb(33, 31,  
31) }
```

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