

Converting Colors

HunterLab(46.2275, -5.0742,
13.1113)

Have a look what the booklet for
HunterLab(46.2275, -5.0742,
13.1113) contains.

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Color

**HunterLab(46.1798, -4.8835,
13.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	858063
RGB	133, 128, 99
RGB Percent	52%, 50%, 39%
CMY	0.4784, 0.4980, 0.6118
CMYK	0.00, 0.04, 0.26, 0.48
HSL	51°, 15%, 45%
HSV	51°, 26%, 52%
XYZ	19.6442, 21.3257, 14.8853
YIQ	126.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

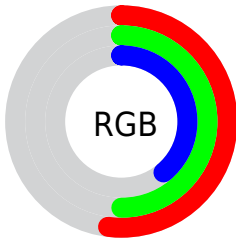
Format	Color
RYB	105, 133, 99
Decimal	8749155
CIELab	53.31, -3.11, 16.46
CIElCh	53, 16.751, 100.684
Yxy	21.3267, 0.3517, 0.3818
Android (android.graphics.Color)	4286939235 (0xFF858063)
YUV	126.1890, -13.4042, 5.9732
Hunter-Lab	46.1798, -4.8835, 13.2147

Details

The HunterLab color $46.1798, -4.8835, 13.2147$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $37.7444, 1.7140, -11.5694$, and the grayscale version is $45.7991, -2.4437, 2.4883$.

A 20% lighter version of the original color is $67.5935, -6.6400, 16.2250$, and $27.7108, -3.5122, 10.0626$ is the 20% darker color. If you saturate the color by 10%, you get $45.3738, -5.4149, 16.4423$, and if you desaturate by 10%, it is $47.0290, -4.1454, 9.4697$.

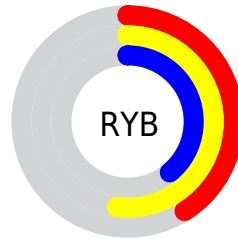
Distribution



Red (52%)

Green (50%)

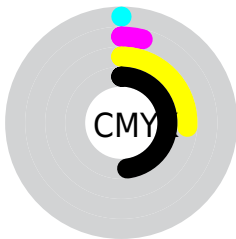
Blue (39%)



Red (41%)

Yellow (52%)

Blue (39%)

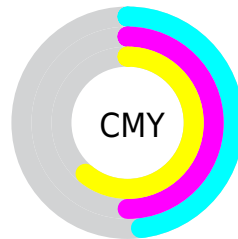


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (48%)



Cyan (48%)

Magenta (50%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1798, -4.8835, 13.2147 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 46.1798, -4.8835, 13.2147 by changing the saturation by 10% instead.

■ 46.1798, -4.8835,
13.2147

■ 46.1798, -4.8835,
13.2147

160.9378,
-12.2840, 26.3430

■ 36.5555, -4.1856,
11.6508

■ 67.5504, -6.3595,
16.2212

■ 27.7110, -3.5112,
10.0181

■ 79.2084, -7.1345,
17.6874

■ 19.7237, -2.8602,
8.2809

■ 91.4691, -7.9341,
19.1399

■ 12.6978, -2.2285,
6.7734

■ 104.3043, -8.7578,
20.5839

■ 6.0490, -2.5603,
4.2343

117.6893, -9.6052,
22.0235

0.0000, NaN, NaN

131.6025,

0.0000, NaN, NaN

-10.4756, 23.4616

0.0000, NaN, NaN

146.0244,
-11.3687, 24.9009

0.0000, NaN, NaN

■ 46.1798, -4.8835,
13.2147

■ 46.1798, -4.8835,
13.2147

■ 45.3738, -5.4149,
16.4423

■ 47.0290, -4.1454,
9.4697

■ 44.6078, -5.7352,
19.1465

■ 47.9182, -3.1990,
5.2146

■ 43.8825, -5.8473,
21.3288

■ 48.8481, -2.0493,
0.4625

■ 43.1968, -5.7560,
22.9973

■ 49.8181, -0.7014,
-4.7712

■ 42.5496, -5.4690,
24.1689

■ 50.8276, 0.8385,
-10.4691

■ 41.9388, -4.9985,
24.8712

■ 51.8759, 2.5637,
-16.6122

■ 41.3601, -4.3692,
25.1665

■ 52.9619, 4.4669,
-23.1806

■ 41.1075, -4.0737,
25.2589

■ 54.0849, 6.5404,
-30.1538

■ 55.2437, 8.7765,
-37.5110

Harmonies

Analogous

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



46.1808, 1.9746, 12.8499



46.1798, -4.8835, 13.2147



46.1808, -10.7486, 11.0467

Triad

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



46.1808, -4.8849, 13.2153



46.1808, -12.0425, -6.4295



46.1808, 10.6419, -1.8289

Complementary

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



46.1798, -4.8835, 13.2147



37.7444, 1.7140, -11.5694

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.



46.1808, 6.4436, -8.0408



46.1798, -4.8835, 13.2147



46.1808, -6.7460, -10.9532

Square

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



46.1808, -4.8849, 13.2153



46.1808, -14.7180, 0.1282



46.1808, 0.0026, -11.5824



46.1808, 11.2123, 4.7784

Rectangle

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



46.1798, -4.8835, 13.2147



46.1808, -13.4064, 8.2410



46.1808, 0.0026, -11.5824



46.1808, 9.5971, -4.0563

Sweetspot

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



46.1808, -4.8849, 13.2153



63.8075, -4.6391, 8.5343



38.6161, 9.3331, 3.8088



30.2102, -2.2851, 4.4185



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



46.1808, -4.8849, 13.2153



61.1296, -7.0059, 20.4196



46.6350, -10.6514, 13.5418



23.0425, -1.7232, 3.2860



40.1308, -3.9940, 24.6585



2.5234, -0.4879, 1.5464

Inverse Universe

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



37.7444, 1.7140, -11.5694



47.2447, 3.9876, -20.6881



37.4038, 7.2660, -11.9995



21.5568, -0.5811, -1.0312



14.4314, 27.5284, -77.4639



1.1715, 0.6984, -2.9719

Previews

White Background



This preview shows how the HunterLab color 46.1798, -4.8835, 13.2147 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.1798, -4.8835, 13.2147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

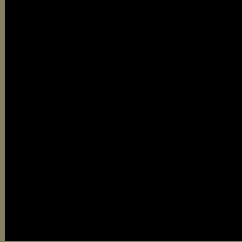
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.1798, -4.8835, 13.2147 Background



This preview shows how black text looks on a background with the HunterLab color 46.1798, -4.8835, 13.2147.



This preview shows how white text looks on a background with the HunterLab color 46.1798, -4.8835,

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

46.1798, -4.8835, 13.2147

Protanopia

46.1669, -3.4839, 13.2270

Deuteranopia

46.0746, 3.2610, 12.9333



Tritanopia

46.0193, 3.3770, -0.1734

Trichromacy



Original Color

46.1798, -4.8835, 13.2147

Protanomaly

46.0766, -3.8005, 13.1361

Deuteranomaly

46.0163, 0.2938, 12.8258

Tritanomaly

46.1324, 0.2844, 5.1831

Monochromacy



Original Color

46.1798, -4.8835, 13.2147

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.9422, -3.4888, 6.9248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1798, -4.8835, 13.2147 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(133, 128, 99)` looks like.

```
.text, #text, p{  
    color:rgb(133, 128, 99)  
}
```

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(133, 128, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 128, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1798, -4.8835, 13.2147 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(133, 128, 99) }
```


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

```
.border{ border-color:rgb(133, 128, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 128, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 128, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 128, 99);  
box-shadow:4px 4px 4px 4px rgb(133, 128,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1798, -4.8835, 13.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 128, 99) }
```

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

```
.background{ background-color: rgb(133,  
128, 99) }
```

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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