

Converting Colors

HunterLab(51.1759, -33.2735,
23.0126)

Have a look what the booklet for
HunterLab(51.1759, -33.2735,
23.0126) contains.

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Color

**HunterLab(51.0034,
-33.1408, 22.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	489D4C
RGB	72, 157, 76
RGB Percent	28%, 62%, 30%
CMY	0.7176, 0.3843, 0.7020
CMYK	0.54, 0.00, 0.52, 0.38
HSL	123°, 37%, 45%
HSV	123°, 54%, 62%
XYZ	16.0340, 26.0135, 11.0135
YIQ	122.3510, -24.6590, -43.2110

Conversions

Conversions Part 2

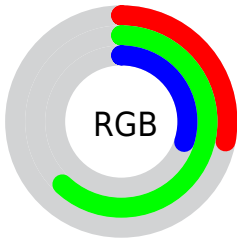
Format	Color
RYB	72, 153, 157
Decimal	4758860
CIELab	58.05, -42.91, 34.49
CIElCh	58, 55.049, 141.211
Yxy	26.0146, 0.3022, 0.4903
Android (android.graphics.Color)	4282948940 (0xFF489D4C)
YUV	122.3510, -22.8510, -44.1578
Hunter-Lab	51.0034, -33.1408, 22.8995

Details

The HunterLab color $51.0034, -33.1408, 22.8995$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $37.5542, 38.7184, -23.7623$, and the grayscale version is $44.3461, -2.3662, 2.4094$.

A 20% lighter version of the original color is $72.8912, -39.0907, 27.8988$, and $31.9171, -26.4311, 17.1636$ is the 20% darker color. If you saturate the color by 10%, you get $50.3009, -36.3986, 25.1473$, and if you desaturate by 10%, it is $51.8940, -29.1044, 20.1686$.

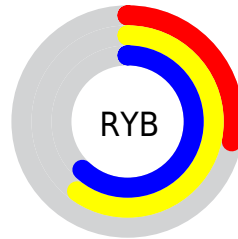
Distribution



Red (28%)

Green (62%)

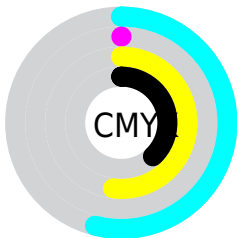
Blue (30%)



Red (28%)

Yellow (60%)

Blue (62%)

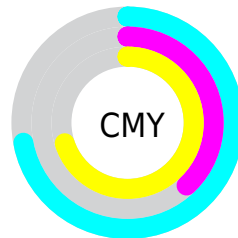


Cyan (54%)

Magenta (0%)

Yellow (52%)

Black (38%)



Cyan (72%)

Magenta (38%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0034, -33.1408, 22.8995 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 51.0034, -33.1408, 22.8995 by changing the saturation by 10% instead.

■ 51.0034, -33.1408,
22.8995

■ 51.0034, -33.1408,
22.8995

168.1825,
-57.8383, 44.2227

■ 41.0299, -29.8652,
20.1056

■ 73.0058, -39.2134,
28.1019

■ 31.8066, -26.3603,
17.1317

■ 84.9536, -42.0741,
30.5618

■ 23.4016, -22.5420,
13.9229

■ 97.4902, -44.8472,
32.9517

■ 15.9040, -18.2702,
11.1328

■ 110.5892,
-47.5482, 35.2847

■ 9.4408, -16.5214,
6.6086

■ 124.2274,
-50.1892, 37.5709

0.0000, NaN, NaN

0.0000, NaN, NaN

138.3843,

-52.7795, 39.8184

0.0000, NaN, NaN

153.0415,
-55.3271, 42.0339

0.0000, NaN, NaN

■ 51.0034, -33.1408,
22.8995

■ 51.0034, -33.1408,
22.8995

■ 50.3009, -36.3986,
25.1473

■ 51.8940, -29.1044,
20.1686

■ 49.7756, -38.8715,
26.9023

■ 52.9730, -24.3167,
16.9773

■ 49.4165, -40.5872,
28.1745

■ 54.2419, -18.8284,
13.3614

■ 49.2059, -41.6092,
28.9939

■ 55.6980, -12.7038,
9.3644

■ 49.1235, -42.0057,
29.2781

■ 57.3366, -6.0152,
5.0340

■ 59.1512, 1.1622,
0.4190

■ 61.1338, 8.7544,
-4.4336

■ 63.2759, 16.6921,
-9.4801

■ 65.5685, 24.9129,
-14.6817

Harmonies

Analogous

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



51.0045, -17.9334, 28.6605



51.0034, -33.1408, 22.8995



51.0045, -39.8583, 8.8649

Triad

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



51.0045, -33.1416, 22.8998



51.0045, -9.3867, -59.7979



51.0045, 46.0865, 15.9071

Complementary

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



51.0034, -33.1408, 22.8995



37.5542, 38.7184, -23.7623

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.



51.0045, 49.4932, -4.1697



51.0034, -33.1408, 22.8995



51.0045, 14.5066, -55.0285

Square

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



51.0045, -33.1416, 22.8998



51.0045, -27.8512, -42.8290



51.0045, 37.0762, -31.7612



51.0045, 28.4637, 26.0671

Rectangle

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



51.0034, -33.1408, 22.8995



51.0045, -39.6318, -6.2179



51.0045, 37.0762, -31.7612



51.0045, 49.0436, 10.3822

Sweetspot

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



51.0045, -33.1416, 22.8998



74.0927, -18.8445, 13.7311



56.0977, -13.5759, 27.8496



34.5793, -9.5790, 6.9227



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



51.0045, -33.1416, 22.8998



67.1457, -49.4947, 34.2031



51.7542, -28.6236, 11.9908



27.2137, -4.5775, 3.5108



44.2715, -37.8440, 26.3588



5.9310, -4.9908, 3.3605

Inverse Universe

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



37.5542, 38.7184, -23.7623



46.3260, 62.8275, -38.5440



36.0079, 31.8124, -2.3369



25.9792, 1.8814, -0.7007



27.5710, 53.6712, -32.2229



3.7067, 7.2463, -4.5692

Previews

White Background



This preview shows how the HunterLab color 51.0034, -33.1408, 22.8995 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 51.0034, -33.1408, 22.8995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

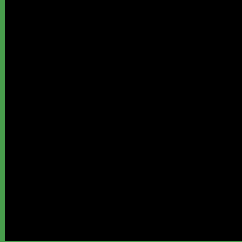
Any Text WCAG AA ✓ Pass

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 51.0034, -33.1408, 22.8995 Background



This preview shows how black text looks on a background with the HunterLab color 51.0034, -33.1408, 22.8995.



This preview shows how white text looks on a background with the HunterLab color 51.0034,

-33.1408, 22.8995.

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

51.0034, -33.1408, 22.8995

Protanopia

50.6752, -5.9925, 24.3415

Deuteranopia

50.4347, 3.4858, 21.7544



Tritanopia

50.9333, -14.6628, -7.5862

Trichromacy



Original Color

51.0034, -33.1408, 22.8995

Protanomaly

50.3098, -17.9306, 23.4615

Deuteranomaly

49.6140, -12.5459, 21.2827

Tritanomaly

50.5994, -22.6330, 6.4469

Monochromacy



Original Color

51.0034, -33.1408, 22.8995

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

46.1421, -15.2835, 10.9922

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0034, -33.1408, 22.8995 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(72, 157, 76)` looks like.

```
.text, #text, p{  
  color:rgb(72, 157, 76)  
}
```

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(72, 157, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 157, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0034, -33.1408, 22.8995 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(72, 157, 76) }
```


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

```
.border{ border-color:rgb(72, 157, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 157, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 157, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 157, 76);  
box-shadow:4px 4px 4px 4px rgb(72, 157,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0034, -33.1408, 22.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 157, 76) }
```

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

```
.background{ background-color: rgb(72, 157,  
76) }
```

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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