

Converting Colors

HunterLab(51.6622, -33.6945,
25.7660)

Have a look what the booklet for
HunterLab(51.6622, -33.6945,
25.7660) contains.

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Color

**HunterLab(51.7444,
-33.8501, 25.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	4E9F3F
RGB	78, 159, 63
RGB Percent	31%, 62%, 25%
CMY	0.6941, 0.3765, 0.7529
CMYK	0.51, 0.00, 0.60, 0.38
HSL	111°, 43%, 44%
HSV	111°, 60%, 62%
XYZ	16.4372, 26.7748, 9.0043
YIQ	123.8370, -17.4600, -47.0280

Conversions

Conversions Part 2

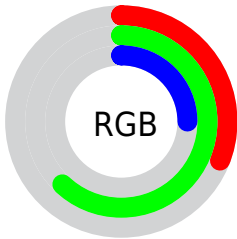
Format	Color
RYB	63, 159, 144
Decimal	5152575
CIELab	58.77, -43.70, 41.77
CIELCh	59, 60.449, 136.291
Yxy	26.7760, 0.3148, 0.5128
Android (android.graphics.Color)	4283342655 (0xFF4E9F3F)
YUV	123.8370, -29.9926, -40.1990
Hunter-Lab	51.7444, -33.8501, 25.9037

Details

The HunterLab color $51.7444, -33.8501, 25.9037$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $34.6243, 40.1351, -34.1322$, and the grayscale version is $44.9505, -2.3984, 2.4422$.

A 20% lighter version of the original color is $73.6849, -39.9062, 31.8961$, and $32.5747, -27.1240, 19.1794$ is the 20% darker color. If you saturate the color by 10%, you get $51.1010, -36.7986, 27.7111$, and if you desaturate by 10%, it is $52.5412, -30.2449, 23.5198$.

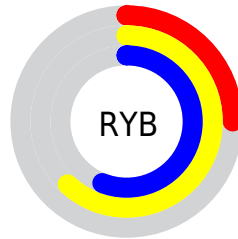
Distribution



Red (31%)

Green (62%)

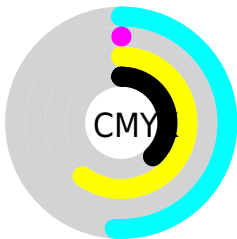
Blue (25%)



Red (25%)

Yellow (62%)

Blue (56%)

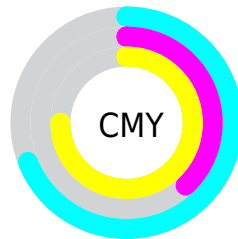


Cyan (51%)

Magenta (0%)

Yellow (60%)

Black (38%)



Cyan (69%)

Magenta (38%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7444, -33.8501, 25.9037 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 51.7444, -33.8501, 25.9037 by changing the saturation by 10% instead.

■ 51.7444, -33.8501,
25.9037

■ 51.7444, -33.8501,
25.9037

169.2840,
-58.8589, 50.6804

■ 41.7193, -30.5339,
22.5986

■ 73.8405, -40.0003,
32.0289

■ 32.4402, -26.9875,
19.0768

■ 85.8313, -42.8978,
34.9081

■ 23.9740, -23.1277,
15.4285

■ 98.4090, -45.7064,
37.6940

■ 16.4079, -18.8172,
11.4855

■ 111.5474,
-48.4418, 40.4025

■ 9.8652, -17.2641,
6.9057

■ 125.2234,
-51.1159, 43.0460

0.0000, NaN, NaN

0.0000, NaN, NaN

139.4166,

-53.7385, 45.6349

0.0000, NaN, NaN

154.1090,
-56.3174, 48.1774

0.0000, NaN, NaN

■ 51.7444, -33.8501,
25.9037

■ 51.7444, -33.8501,
25.9037

■ 51.1010, -36.7986,
27.7111

■ 52.5412, -30.2449,
23.5198

■ 50.6019, -39.0889,
28.9610

■ 53.4912, -25.9976,
20.5577

■ 50.2395, -40.7452,
29.6973

■ 54.5963, -21.1415,
17.0328

■ 50.0020, -41.8248,
30.0788

■ 55.8551, -15.7202,
12.9724

■ 57.2649, -9.7849,
8.4129

■ 58.8214, -3.3908,
3.3964

■ 60.5196, 3.4061,
-2.0321

■ 62.3534, 10.5510,
-7.8271

■ 64.3166, 17.9926,
-13.9443

Harmonies

Analogous

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



51.7455, -15.9051, 30.6673



51.7444, -33.8501, 25.9037



51.7455, -42.5434, 12.7623

Triad

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



51.7455, -33.8510, 25.9040



51.7455, -13.9591, -66.7972



51.7455, 53.7042, 14.3411

Complementary

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



51.7444, -33.8501, 25.9037



34.6243, 40.1351, -34.1322

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.



51.7455, 54.5078, -9.6045



51.7444, -33.8501, 25.9037



51.7455, 11.8358, -65.6407

Square

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



51.7455, -33.8510, 25.9040



51.7455, -32.6670, -43.9695



51.7455, 38.0072, -41.3156



51.7455, 35.9886, 26.5730

Rectangle

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



51.7444, -33.8501, 25.9037



51.7455, -43.2818, -2.6017



51.7455, 38.0072, -41.3156



51.7455, 56.0647, 7.7059

Sweetspot

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



51.7455, -33.8510, 25.9040



75.1140, -19.4748, 16.1711



52.3221, -6.2101, 26.8026



35.4289, -10.2525, 8.4428



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.7455, -33.8510, 25.9040



68.1645, -50.2532, 37.6603



51.6531, -33.3234, 18.8171



27.2917, -4.3155, 3.7378



44.4511, -37.1102, 26.7409



6.0466, -4.5293, 3.6466

Inverse Universe

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



34.6243, 40.1351, -34.1322



41.9507, 64.0913, -56.0518



35.2972, 38.9022, -11.2975



25.8884, 1.5973, -0.9826



24.5059, 50.0347, -46.7041



3.4675, 6.9576, -5.6623

Previews

White Background



This preview shows how the HunterLab color 51.7444, -33.8501, 25.9037 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 51.7444, -33.8501, 25.9037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

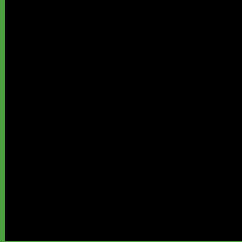
Any Text WCAG AA ✓ Pass

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 51.7444, -33.8501, 25.9037 Background



This preview shows how black text looks on a background with the HunterLab color 51.7444, -33.8501, 25.9037.



This preview shows how white text looks on a background with the HunterLab color 51.7444,

-33.8501, 25.9037.

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

51.7444, -33.8501, 25.9037

Protanopia

51.4035, -6.6192, 26.9416

Deuteranopia

51.3582, 3.4920, 25.0186



Tritanopia

51.6379, -13.5659, -7.1332

Trichromacy



Original Color

51.7444, -33.8501, 25.9037

Protanomaly

51.0835, -18.4357, 26.1929

Deuteranomaly

50.4514, -12.8698, 24.6221

Tritanomaly

51.4658, -22.7544, 8.9630

Monochromacy



Original Color

51.7444, -33.8501, 25.9037

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.8790, -15.7568, 12.7125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7444, -33.8501, 25.9037 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(78, 159, 63)` looks like.

```
.text, #text, p{  
    color:rgb(78, 159, 63)  
}
```

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(78, 159, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 159, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7444, -33.8501, 25.9037 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(78, 159, 63) }
```


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

```
.border{ border-color:rgb(78, 159, 63) }
```

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

Here you see how a box with a 4 pixel rgb(78, 159, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 159, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 159, 63);  
box-shadow:4px 4px 4px 4px rgb(78, 159,  
63) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7444, -33.8501, 25.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 159, 63) }
```

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

```
.background{ background-color: rgb(78, 159,  
63) }
```

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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