

Converting Colors

HunterLab(63.4538, -46.5219,
29.8603)

Have a look what the booklet for
HunterLab(63.4538, -46.5219,
29.8603) contains.

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Color

**HunterLab(63.4538,
-46.5219, 29.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	3DC257
RGB	61, 194, 87
RGB Percent	24%, 76%, 34%
CMY	0.7608, 0.2392, 0.6588
CMYK	0.69, 0.00, 0.55, 0.24
HSL	132°, 52%, 50%
HSV	132°, 69%, 76%
XYZ	22.9366, 40.2638, 15.5797
YIQ	142.0350, -44.9210, -61.4730

Conversions

Conversions Part 2

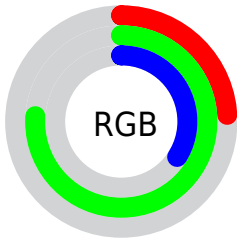
Format	Color
RYB	61, 172, 194
Decimal	4047447
CIELab	69.66, -57.92, 43.08
CIELCh	70, 72.183, 143.361
Yxy	40.2655, 0.2911, 0.5111
Android (android.graphics.Color)	4282237527 (0xFF3DC257)
YUV	142.0350, -27.1323, -71.0677
Hunter-Lab	63.4538, -46.5219, 29.8603

Details

The HunterLab color $63.4538, -46.5219, 29.8603$ is a dark color, and the websafe version is hex $33CC66$. The color can be described as dark muted green. A complement of this color would be $41.9936, 58.2212, -25.4099$, and the grayscale version is $52.1426, -2.7822, 2.8330$.

A 20% lighter version of the original color is $87.0890, -54.1710, 36.0862$, and $43.1192, -35.9201, 23.6460$ is the 20% darker color. If you saturate the color by 10%, you get $62.8722, -49.3228, 32.1935$, and if you desaturate by 10%, it is $64.2493, -42.8036, 27.0936$.

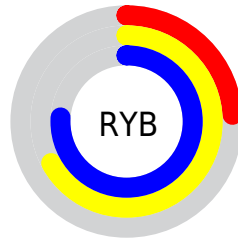
Distribution



Red (24%)

Green (76%)

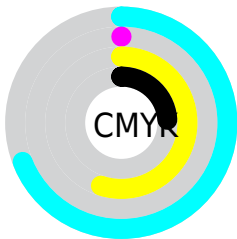
Blue (34%)



Red (24%)

Yellow (67%)

Blue (76%)

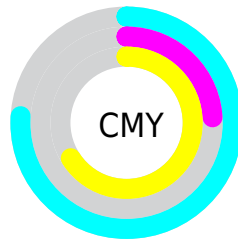


Cyan (69%)

Magenta (0%)

Yellow (55%)

Black (24%)



Cyan (76%)

Magenta (24%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4538, -46.5219, 29.8603 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 63.4538, -46.5219, 29.8603 by changing the saturation by 10% instead.

■ 63.4538, -46.5219,
29.8603

■ 63.4538, -46.5219,
29.8603

186.3441,
-77.0991, 54.5197

■ 52.6741, -42.4738,
26.6551

■ 86.9297, -54.0609,
35.8707

■ 42.5840, -38.1740,
23.2736

■ 99.5584, -57.6160,
38.7215

■ 33.2359, -33.5495,
19.6738

■ 112.7455,
-61.0596, 41.4924

■ 24.6940, -28.4910,
15.9332

■ 126.4684,
-64.4087, 44.1960

■ 17.0433, -22.9704,
11.9303

■ 140.7069,
-67.6770, 46.8427

■ 10.4029, -18.2050,
7.2820

155.4430,

0.0000, NaN, NaN

-70.8757, 49.4411

0.0000, NaN, NaN

170.6603,
-74.0138, 51.9982

0.0000, NaN, NaN

■ 63.4538, -46.5219,
29.8603

■ 63.4538, -46.5219,
29.8603

■ 62.8722, -49.3228,
32.1935

■ 64.2493, -42.8036,
27.0936

■ 62.4832, -51.2488,
34.0802

■ 65.2660, -38.1581,
23.9165

■ 62.2557, -52.4241,
35.5167

■ 66.5115, -32.6111,
20.3644

■ 62.2291, -52.5614,
35.6838

■ 67.9881, -26.2129,
16.4804

■ 69.6941, -19.0329,
12.3120

■ 71.6251, -11.1524,
7.9086

■ 73.7742, -2.6587,
3.3184

■ 76.1327, 6.3610,
-1.4137

■ 78.6909, 15.8229,
-6.2473

Harmonies

Analogous

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



63.4551, -26.5358, 37.5545



63.4538, -46.5219, 29.8603



63.4551, -54.7170, 10.0134

Triad

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



63.4551, -46.5228, 29.8607



63.4551, -10.5256, -89.8615



63.4551, 65.6032, 22.9537

Complementary

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



63.4538, -46.5219, 29.8603



41.9936, 58.2212, -25.4099

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.



63.4551, 72.2978, -3.8902



63.4538, -46.5219, 29.8603



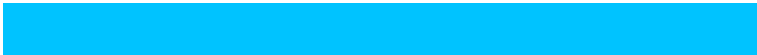
63.4551, 23.6393, -80.1300

Square

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



63.4551, -46.5228, 29.8607



63.4551, -36.8454, -66.1168



63.4551, 55.6409, -43.8633



63.4551, 38.8597, 35.2201

Rectangle

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



63.4538, -46.5219, 29.8603



63.4551, -53.8781, -12.0530



63.4551, 55.6409, -43.8633



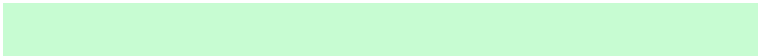
63.4551, 70.4705, 15.8256

Sweetspot

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



63.4551, -46.5228, 29.8607



93.1390, -28.4005, 18.1640



68.8664, -25.5712, 38.1864



43.2795, -14.5760, 9.2440

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4551, -46.5228, 29.8607



84.3458, -67.7583, 44.6117



64.6843, -39.0336, 11.9911



33.6010, -5.5556, 3.8901



50.4665, -42.5599, 28.7959



10.5369, -8.5542, 5.2958

Inverse Universe

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



41.9936, 58.2212, -25.4099



52.3857, 89.4105, -36.6365



39.7355, 48.9314, 6.1480



31.9573, 2.2216, -0.3579



30.2195, 57.0180, -21.2951



6.3516, 12.0991, -5.3674

Previews

White Background



This preview shows how the HunterLab color 63.4538, -46.5219, 29.8603 looks on a white 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

Black Background



This preview shows how the HunterLab color 63.4538, -46.5219, 29.8603 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 ✓ Pass

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

HunterLab 63.4538, -46.5219, 29.8603 Background



This preview shows how black text looks on a background with the HunterLab color 63.4538, -46.5219, 29.8603.



This preview shows how white text looks on a background with the HunterLab color 63.4538,

-46.5219, 29.8603.

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

63.4538, -46.5219, 29.8603

Protanopia

62.8532, -7.4914, 31.6209

Deuteranopia

62.8141, 4.6245, 28.3412



Tritanopia

63.1402, -21.6637, -11.0749

Trichromacy



Original Color

63.4538, -46.5219, 29.8603



Protanomaly

61.7355, -25.8416, 29.9223



Deuteranomaly

61.1962, -19.4239, 27.3354



Tritanomaly

62.7264, -32.5835, 7.9305

Monochromacy



Original Color

63.4538, -46.5219, 29.8603



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

55.1413, -21.8236, 13.7981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4538, -46.5219, 29.8603 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(61, 194, 87)` looks like.

```
.text, #text, p{  
    color:rgb(61, 194, 87)  
}
```

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(61, 194, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 194, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4538, -46.5219, 29.8603 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(61, 194, 87) }
```


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

```
.border{ border-color:rgb(61, 194, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 194, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 194, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 194, 87);  
box-shadow:4px 4px 4px 4px rgb(61, 194,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4538, -46.5219, 29.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 194, 87) }
```

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

```
.background{ background-color: rgb(61, 194,  
87) }
```

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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