

Converting Colors

HunterLab(64.7578, -45.7768,
33.3046)

Have a look what the booklet for
HunterLab(64.7578, -45.7768,
33.3046) contains.

HunterLab(64.6179, -45.6176, 33.2350)	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(64.6179,
-45.6176, 33.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	52C449
RGB	82, 196, 73
RGB Percent	32%, 77%, 29%
CMY	0.6784, 0.2314, 0.7137
CMYK	0.58, 0.00, 0.63, 0.23
HSL	116°, 51%, 53%
HSV	116°, 63%, 77%
XYZ	24.4222, 41.7547, 13.0756
YIQ	147.8920, -28.4610, -62.4210

Conversions

Conversions Part 2

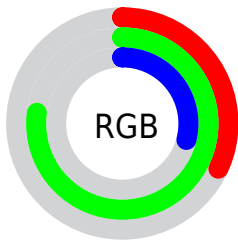
Format	Color
RYB	73, 196, 187
Decimal	5424201
CIELab	70.70, -55.84, 50.81
CIELCh	71, 75.500, 137.700
Yxy	41.7565, 0.3082, 0.5269
Android (android.graphics.Color)	4283614281 (0xFF52C449)
YUV	147.8920, -36.9218, -57.7873
Hunter-Lab	64.6179, -45.6176, 33.2350

Details

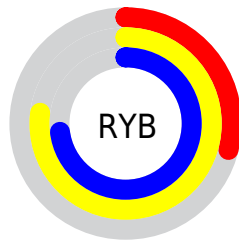
The HunterLab color **64.6179, -45.6176, 33.2350** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **43.9511, 56.4690, -42.3828**, and the grayscale version is **54.5285, -2.9095, 2.9626**.

A 20% lighter version of the original color is **88.3973, -52.9975, 40.3030**, and **43.6823, -37.1985, 25.7017** is the 20% darker color. If you saturate the color by 10%, you get **63.8958, -48.9719, 35.3442**, and if you desaturate by 10%, it is **65.5620, -41.2961, 30.3937**.

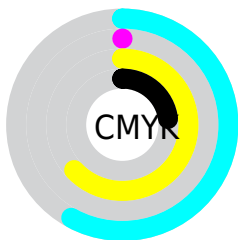
Distribution



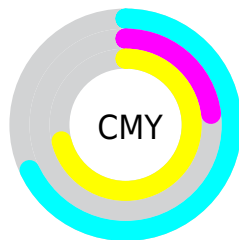
- Red (32%)
- Green (77%)
- Blue (29%)



- Red (29%)
- Yellow (77%)
- Blue (73%)



- Cyan (58%)
- Magenta (0%)
- Yellow (63%)
- Black (23%)



- Cyan (68%)
- Magenta (23%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6179, -45.6176, 33.2350 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 64.6179, -45.6176, 33.2350 by changing the saturation by 10% instead.

■ 64.6179, -45.6176,
33.2350

■ 64.6179, -45.6176,
33.2350

188.0086,
-75.1826, 61.3970

■ 53.7686, -41.7280,
29.5333

■ 88.2218, -52.8796,
40.1591

■ 43.6042, -37.6043,
25.6277

■ 100.9100,
-56.3111, 43.4316

■ 34.1758, -33.1797,
21.4792

■ 114.1542,
-59.6389, 46.6038

■ 25.5462, -28.3530,
17.5378

■ 127.9318,
-62.8788, 49.6904

■ 17.7975, -22.9697,
12.4583

■ 142.2231,
-66.0436, 52.7038

■ 11.0445, -19.3279,
7.7311

157.0102,

■ 2.7891, -4.8810,

-69.1437, 55.6540

1.9524

172.2769,
-72.1876, 58.5493

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6179, -45.6176,
33.2350

■ 64.6179, -45.6176,
33.2350

■ 63.8958, -48.9719,
35.3442

■ 65.5620, -41.2961,
30.3937

■ 63.3790, -51.3793,
36.7525

■ 66.7315, -36.0157,
26.8162

■ 63.0505, -52.9053,
37.5277

■ 68.1311, -29.8179,
22.5238

■ 62.9107, -53.5535,
37.8278

■ 69.7602, -22.7656,
17.5565

■ 71.6152, -14.9370,

11.9678

■ 73.6901, -6.4191,
5.8195

■ 75.9768, 2.6982,
-0.8228

■ 78.4660, 12.3270,
-7.8938

■ 81.1476, 22.3851,
-15.3311

Harmonies

Analogous

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



64.6193, -22.4376, 39.4067



64.6179, -45.6176, 33.2350



64.6193, -56.4000, 15.5855

Triad

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



64.6193, -45.6186, 33.2353



64.6193, -17.0055, -93.7264



64.6193, 72.8122, 19.9348

Complementary

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



64.6179, -45.6176, 33.2350



43.9511, 56.4690, -42.3828

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.



64.6193, 75.1258, -11.4481



64.6179, -45.6176, 33.2350



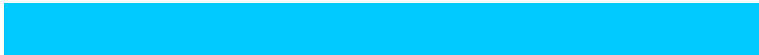
64.6193, 18.0165, -90.3167

Square

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



64.6193, -45.6186, 33.2353



64.6193, -42.3650, -62.8713



64.6193, 53.4026, -55.1194



64.6193, 47.6223, 34.9782

Rectangle

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



64.6179, -45.6176, 33.2350



64.6193, -56.9944, -5.5378



64.6193, 53.4026, -55.1194



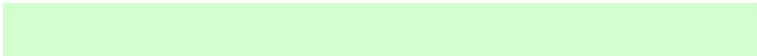
64.6193, 76.4565, 11.4263

Sweetspot

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



64.6193, -45.6186, 33.2353



94.7198, -27.1117, 21.1207



68.7252, -12.5441, 36.6900



43.4983, -13.9195, 10.7503

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6193, -45.6186, 33.2353



85.7298, -67.1611, 48.3217



65.0844, -42.1985, 21.9181



33.6054, -5.6336, 4.6210



50.4420, -42.8649, 30.3317



10.5437, -8.6599, 6.3454

Inverse Universe

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



43.9511, 56.4690, -42.3828



54.3704, 89.1904, -68.1038



43.0565, 50.0201, -9.3441



31.9513, 2.3106, -1.2119



29.9015, 59.7713, -47.0660



6.3064, 12.5544, -9.5254

Previews

White Background



This preview shows how the HunterLab color 64.6179, -45.6176, 33.2350 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 64.6179, -45.6176, 33.2350 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 64.6179, -45.6176, 33.2350 Background



This preview shows how black text looks on a background with the HunterLab color 64.6179, -45.6176, 33.2350.



This preview shows how white text looks on a background with the HunterLab color 64.6179, -45.6176, 33.2350.

-45.6176, 33.2350.

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

64.6179, -45.6176, 33.2350

Protanopia

64.1131, -7.8645, 34.6020

Deuteranopia

63.8874, 5.0131, 31.8601



Tritanopia

64.5548, -19.6104, -9.6339

Trichromacy



Original Color

64.6179, -45.6176, 33.2350



Protanomaly

63.3663, -24.8415, 33.3431



Deuteranomaly

62.6289, -17.6605, 31.2797



Tritanomaly

64.0122, -31.1861, 10.9843

Monochromacy



Original Color

64.6179, -45.6176, 33.2350



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

57.0752, -21.0120, 16.0105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6179, -45.6176, 33.2350 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(82, 196, 73)` looks like.

```
.text, #text, p{  
    color:rgb(82, 196, 73)  
}
```

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(82, 196, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 196, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6179, -45.6176, 33.2350 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(82, 196, 73) }
```


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

```
.border{ border-color:rgb(82, 196, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 196, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 196, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 196, 73);  
box-shadow:4px 4px 4px 4px rgb(82, 196,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6179, -45.6176, 33.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 196, 73) }
```

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

```
.background{ background-color: rgb(82, 196,  
73) }
```

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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