

Converting Colors

HunterLab(64.3775, -45.1227,
33.9633)

Have a look what the booklet for
HunterLab(64.3775, -45.1227,
33.9633) contains.

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Color

**HunterLab(64.3536,
-45.0341, 33.9736)**

Conversions

Conversions Part 1

Format	Color
Hex	56C343
RGB	86, 195, 67
RGB Percent	34%, 76%, 26%
CMY	0.6627, 0.2353, 0.7372
CMYK	0.56, 0.00, 0.66, 0.24
HSL	111°, 52%, 51%
HSV	111°, 66%, 76%
XYZ	24.3659, 41.4139, 12.0197
YIQ	147.8170, -23.8760, -62.9160

Conversions

Conversions Part 2

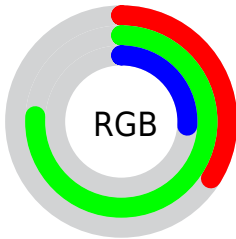
Format	Color
RYB	67, 195, 176
Decimal	5686083
CIELab	70.47, -55.07, 53.14
CIELCh	70, 76.523, 136.023
Yxy	41.4156, 0.3132, 0.5323
Android (android.graphics.Color)	4283876163 (0xFF56C343)
YUV	147.8170, -39.8428, -54.2135
Hunter-Lab	64.3536, -45.0341, 33.9736

Details

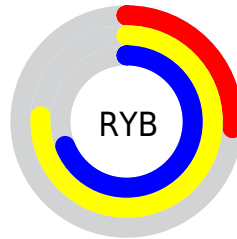
The HunterLab color **64.3536, -45.0341, 33.9736** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **41.4562, 55.6101, -47.3245**, and the grayscale version is **54.5083, -2.9084, 2.9615**.

A 20% lighter version of the original color is **87.7477, -52.0954, 41.1512**, and **43.3258, -37.0573, 26.0091** is the 20% darker color. If you saturate the color by 10%, you get **63.6560, -48.2447, 35.8251**, and if you desaturate by 10%, it is **65.2474, -40.9622, 31.3906**.

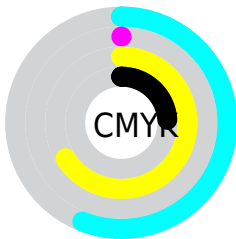
Distribution



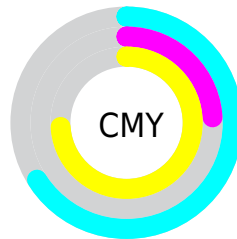
- Red (34%)
- Green (76%)
- Blue (26%)



- Red (26%)
- Yellow (76%)
- Blue (69%)



- Cyan (56%)
- Magenta (0%)
- Yellow (66%)
- Black (24%)





- Cyan (66%)
- Magenta (24%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.3536, -45.0341, 33.9736 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 64.3536, -45.0341, 33.9736 by changing the saturation by 10% instead.


 64.3536, -45.0341,
33.9736

 64.3536, -45.0341,
33.9736


187.6312,
-74.2756, 63.2378

 53.5201, -41.1900,
30.1137


 87.9286, -52.2126,
41.1879


 43.3724, -37.1149,
26.0411


 100.6034,
-55.6055, 44.5937


 33.9621, -32.7423,
21.7190


 113.8346,
-58.8963, 47.8924

 25.3523, -27.9716,
17.7466

 127.5999,
-62.1008, 51.0994

 17.6257, -22.6498,
12.3380

 141.8792,
-65.2316, 54.2277

 10.8980, -19.0716,
7.6286

156.6547,

 2.2716, -3.9753,

-68.2989, 57.2878

1.5901

171.9103,
-71.3112, 60.2887

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3536, -45.0341,
33.9736

■ 64.3536, -45.0341,
33.9736

■ 63.6560, -48.2447,
35.8251

■ 65.2474, -40.9622,
31.3906

■ 63.1402, -50.6113,
36.9888

■ 66.3397, -36.0337,
28.0595

■ 62.7924, -52.1901,
37.5481

■ 67.6348, -30.2811,
23.9891

■ 62.6835, -52.6838,
37.7030

■ 69.1324, -23.7541,
19.2070

■ 70.8302, -16.5162,

13.7554

■ 72.7233, -8.6384,
7.6867

■ 74.8055, -0.1957,
1.0588

■ 77.0695, 8.7376,
-6.0679

■ 79.5069, 18.0902,
-13.6339

Harmonies

Analogous

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



64.3550, -20.9682, 39.6457



64.3536, -45.0341, 33.9736



64.3550, -56.5598, 17.1189

Triad

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



64.3550, -45.0352, 33.9739



64.3550, -18.8891, -94.6363



64.3550, 74.7988, 18.7779

Complementary

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



64.3536, -45.0341, 33.9736



41.4562, 55.6101, -47.3245

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.



64.3550, 75.6910, -13.9446



64.3536, -45.0341, 33.9736



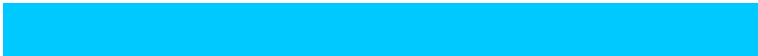
64.3550, 16.1977, -93.3139

Square

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



64.3550, -45.0352, 33.9739



64.3550, -43.7946, -61.6345



64.3550, 52.4619, -58.6348



64.3550, 50.2357, 34.6294

Rectangle

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



64.3536, -45.0341, 33.9736



64.3550, -57.5922, -3.5775



64.3550, 52.4619, -58.6348



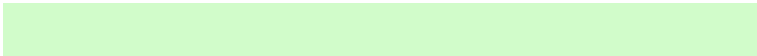
64.3550, 78.0306, 9.8605

Sweetspot

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



64.3550, -45.0352, 33.9739



93.6951, -26.7396, 21.9231



65.5604, -8.5278, 35.4458



43.5450, -13.7995, 11.2254

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3550, -45.0352, 33.9739



84.8424, -66.1530, 48.7664



64.3357, -43.9331, 24.7999



33.6585, -5.4429, 4.6823



50.5567, -42.3751, 30.4110



10.6198, -8.3382, 6.3979

Inverse Universe

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



41.4562, 55.6101, -47.3245



50.2683, 87.0994, -76.5655



42.2208, 53.0967, -13.6946



31.8894, 2.1031, -1.2942



28.0412, 57.1538, -52.6721



6.0065, 12.1285, -10.3981

Previews

White Background



This preview shows how the HunterLab color 64.3536, -45.0341, 33.9736 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 64.3536, -45.0341, 33.9736 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 64.3536, -45.0341, 33.9736 Background



This preview shows how black text looks on a background with the HunterLab color 64.3536, -45.0341, 33.9736.



This preview shows how white text looks on a background with the HunterLab color 64.3536, -45.0341, 33.9736.

-45.0341, 33.9736.

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

64.3536, -45.0341, 33.9736

Protanopia

63.6619, -8.0454, 35.1060

Deuteranopia

63.8179, 4.6415, 32.8825



Tritanopia

64.0295, -18.3377, -9.7796

Trichromacy



Original Color

64.3536, -45.0341, 33.9736



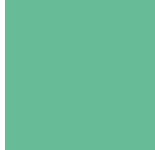
Protanomaly

63.0664, -24.4500, 34.0121



Deuteranomaly

62.6482, -17.7222, 32.3278



Tritanomaly

63.7387, -30.6956, 11.8979

Monochromacy



Original Color

64.3536, -45.0341, 33.9736



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

57.0983, -21.0097, 16.6932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3536, -45.0341, 33.9736 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(86, 195, 67)` looks like.

```
.text, #text, p{  
    color:rgb(86, 195, 67)  
}
```

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(86, 195, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 195, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3536, -45.0341, 33.9736 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(86, 195, 67) }
```


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

```
.border{ border-color:rgb(86, 195, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 195, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 195, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 195, 67);  
box-shadow:4px 4px 4px 4px rgb(86, 195,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3536, -45.0341, 33.9736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 195, 67) }
```

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

```
.background{ background-color: rgb(86, 195,  
67) }
```

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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