

Converting Colors

HunterLab(66.6676, -54.4598,
35.5921)

Have a look what the booklet for
HunterLab(66.6676, -54.4598,
35.5921) contains.

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Color

**HunterLab(66.4947,
-54.2912, 35.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	15CD42
RGB	21, 205, 66
RGB Percent	8%, 80%, 26%
CMY	0.9176, 0.1961, 0.7412
CMYK	0.90, 0.00, 0.68, 0.20
HSL	135°, 81%, 44%
HSV	135°, 90%, 80%
XYZ	23.1240, 44.2155, 12.4699
YIQ	134.1380, -65.0450, -82.2370

Conversions

Conversions Part 2

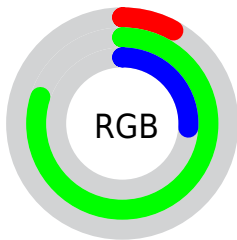
Format	Color
R_{YB}	21, 169, 205
Decimal	1428802
CIE _{Lab}	72.37, -68.78, 55.24
CIE _{LCh}	72, 88.216, 141.230
Yxy	44.2173, 0.2897, 0.5540
Android (android.graphics.Color)	4279618882 (0xFF15CD42)
YUV	134.1380, -33.5920, -99.2220
Hunter-Lab	66.4947, -54.2912, 35.4275

Details

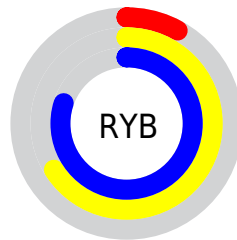
The HunterLab color **66.4947, -54.2912, 35.4275** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **40.0677, 71.5109, -23.2726**, and the grayscale version is **49.0292, -2.6161, 2.6639**.

A 20% lighter version of the original color is **87.2148, -59.8411, 40.6139**, and **46.3626, -39.7559, 27.8724** is the 20% darker color. If you saturate the color by 10%, you get **66.2589, -55.5394, 37.1032**, and if you desaturate by 10%, it is **66.8937, -52.3003, 33.3184**.

Distribution



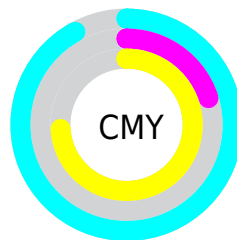
- Red (8%)
- Green (80%)
- Blue (26%)



- Red (8%)
- Yellow (66%)
- Blue (80%)



- Cyan (90%)
- Magenta (0%)
- Yellow (68%)
- Black (20%)



- Cyan (92%)
- Magenta (20%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.4947, -54.2912, 35.4275 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 66.4947, -54.2912, 35.4275 by changing the saturation by 10% instead.

■ 66.4947, -54.2912,
35.4275

■ 66.4947, -54.2912,
35.4275

190.6815,
-89.4694, 65.5105

■ 55.5350, -49.5936,
31.4665

■ 90.3020, -63.0211,
42.8399

■ 45.2527, -44.6008,
27.2930

■ 103.0848,
-67.1267, 46.3416

■ 35.6974, -39.2335,
22.8723

■ 116.4196,
-71.0956, 49.7337

■ 26.9292, -33.3766,
18.7618

■ 130.2844,
-74.9477, 53.0317

■ 19.0265, -26.9620,
13.3186

■ 144.6597,
-78.6991, 56.2485

■ 12.0971, -21.1700,
8.4680

159.5279,

■ 5.1260, -8.9705,

-82.3628, 59.3948

3.5882

174.8733,
-85.9499, 62.4796

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.4947, -54.2912,
35.4275

■ 66.4947, -54.2912,
35.4275

■ 66.2589, -55.5394,
37.1032

■ 66.8937, -52.3003,
33.3184

■ 66.2540, -55.5655,
37.1381


■ 67.4917, -49.4109,
30.7930


■ 68.3089, -45.5725,
27.8707


■ 69.3581, -40.7735,
24.5814


■ 70.6464, -35.0360,

20.9634

 72.1766, -28.4091,
17.0617

 73.9478, -20.9622,
12.9242

 75.9556, -12.7780,
8.5996

 78.1933, -3.9459,
4.1346

Harmonies

Analogous

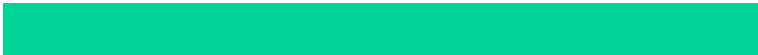
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.4961, -29.6204, 42.3600



66.4947, -54.2912, 35.4275



66.4961, -64.6383, 14.0138

Triad

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



66.4961, -54.2920, 35.4278



66.4961, -15.0852, -120.2766



66.4961, 86.4159, 25.3541

Complementary

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



66.4947, -54.2912, 35.4275



40.0677, 71.5109, -23.2726

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.



66.4961, 92.9947, -8.7817



66.4947, -54.2912, 35.4275



66.4961, 27.2775, -110.1365

Square

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



66.4961, -54.2920, 35.4278



66.4961, -45.8594, -84.7025



66.4961, 69.2570, -62.0431



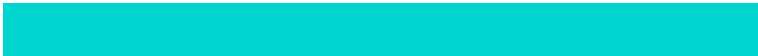
66.4961, 52.9916, 39.4595

Rectangle

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



66.4947, -54.2912, 35.4275



66.4961, -64.2901, -12.5997



66.4961, 69.2570, -62.0431



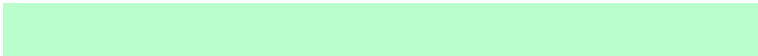
66.4961, 92.1136, 16.5644

Sweetspot

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



66.4961, -54.2920, 35.4278



92.8920, -34.1521, 20.5840



71.6989, -33.6521, 43.0046



42.6346, -17.2551, 10.3510

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.4961, -54.2920, 35.4278



84.7773, -71.2149, 47.7683



67.9868, -45.1031, 13.6989



35.4700, -5.8167, 3.9373



52.2862, -43.7642, 29.1212



11.9280, -9.6147, 5.8463

Inverse Universe

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



40.0677, 71.5109, -23.2726



50.0938, 93.4404, -26.9572



37.3619, 61.4795, 14.8852



33.6972, 2.2955, -0.1890



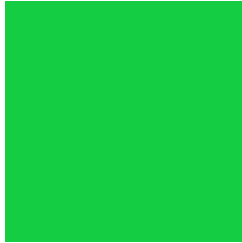
30.9291, 57.7717, -17.2594



7.1065, 13.4111, -5.0274

Previews

White Background



This preview shows how the HunterLab color 66.4947, -54.2912, 35.4275 looks on a white background.

Color Contrast Check

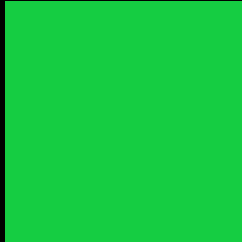
Large Text (above 18pt) WCAG AA × Fail

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 66.4947, -54.2912, 35.4275 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 66.4947, -54.2912, 35.4275 Background



This preview shows how black text looks on a background with the HunterLab color 66.4947, -54.2912, 35.4275.



This preview shows how white text looks on a background with the HunterLab color 66.4947, -54.2912, 35.4275.

-54.2912, 35.4275.

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

66.4947, -54.2912, 35.4275

Protanopia

65.7468, -8.3183, 36.7574

Deuteranopia

65.6562, 5.1147, 33.8667



Tritanopia

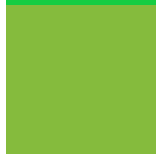
66.4346, -25.2879, -12.1891

Trichromacy



Original Color

66.4947, -54.2912, 35.4275



Protanomaly

63.9250, -32.8863, 34.7198



Deuteranomaly

62.9707, -26.2536, 32.2428



Tritanomaly

65.8460, -39.4518, 11.5624

Monochromacy



Original Color

66.4947, -54.2912, 35.4275



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

53.4536, -27.2735, 16.4127

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.4947, -54.2912, 35.4275 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(21, 205, 66)` looks like.

```
.text, #text, p{  
    color:rgb(21, 205, 66)  
}
```

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(21, 205, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 205, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 66.4947, -54.2912, 35.4275 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(21, 205, 66) }
```


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

```
.border{ border-color:rgb(21, 205, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 205, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 205, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 205, 66);  
box-shadow:4px 4px 4px 4px rgb(21, 205,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.4947, -54.2912, 35.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 205, 66) }
```

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

```
.background{ background-color: rgb(21, 205,  
66) }
```

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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