

Converting Colors

HunterLab(66.4802, -55.0063,
36.7312)

Have a look what the booklet for
HunterLab(66.4802, -55.0063,
36.7312) contains.

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Color

**HunterLab(66.3830,
-54.9422, 36.7148)**

Conversions

Conversions Part 1

Format	Color
Hex	12CD37
RGB	18, 205, 55
RGB Percent	7%, 80%, 22%
CMY	0.9294, 0.1961, 0.7843
CMYK	0.91, 0.00, 0.73, 0.20
HSL	132°, 84%, 44%
HSV	132°, 91%, 80%
XYZ	22.7703, 44.0670, 10.9201
YIQ	131.9870, -63.3020, -86.2940

Conversions

Conversions Part 2

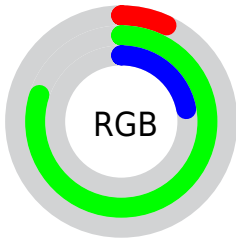
Format	Color
RYB	18, 174, 205
Decimal	1232183
CIELab	72.27, -69.95, 59.27
CIELCh	72, 91.687, 139.724
Yxy	44.0688, 0.2928, 0.5667
Android (android.graphics.Color)	4279422263 (0xFF12CD37)
YUV	131.9870, -37.9546, -99.9666
Hunter-Lab	66.3830, -54.9422, 36.7148

Details

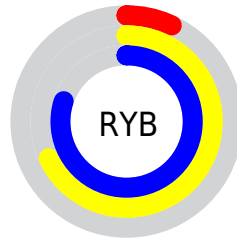
The HunterLab color **66.3830, -54.9422, 36.7148** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **40.2981, 73.2678, -28.3894**, and the grayscale version is **48.1944, -2.5715, 2.6185**.

A 20% lighter version of the original color is **87.0595, -60.7197, 42.3407**, and **46.3626, -39.7559, 27.8724** is the 20% darker color. If you saturate the color by 10%, you get **66.1978, -55.9174, 37.9682**, and if you desaturate by 10%, it is **66.7433, -53.1445, 34.8336**.

Distribution



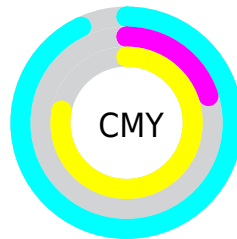
- Red (7%)
- Green (80%)
- Blue (22%)



- Red (7%)
- Yellow (68%)
- Blue (80%)



- Cyan (91%)
- Magenta (0%)
- Yellow (73%)
- Black (20%)



- Cyan (93%)
- Magenta (20%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.3830, -54.9422, 36.7148 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 66.3830, -54.9422, 36.7148 by changing the saturation by 10% instead.

66.3830, -54.9422,
36.7148

66.3830, -54.9422,
36.7148

190.5227,
-90.6596, 68.6858

55.4298, -50.1646,
32.4897

90.1783, -63.8157,
44.6178

45.1545, -45.0846,
28.0409

102.9555,
-67.9865, 48.3470

35.6066, -39.6214,
23.3397

116.2849,
-72.0170, 51.9558

26.8466, -33.6579,
18.7926

130.1446,
-75.9277, 55.4607

18.9530, -27.1764,
13.2671

144.5149,
-79.7350, 58.8755

12.0339, -21.0593,
8.4237

159.3784,

5.0180, -8.7814,

-83.4522, 62.2117

3.5126

174.7191,
-87.0907, 65.4791

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3830, -54.9422,
36.7148

■ 66.3830, -54.9422,
36.7148

■ 66.1978, -55.9174,
37.9682

■ 66.7433, -53.1445,
34.8336


■ 67.3030, -50.4338,
32.4761


■ 68.0842, -46.7493,
29.6515


■ 69.1005, -42.0725,
26.3825


■ 70.3605, -36.4206,

22.7041

 71.8674, -29.8407,
18.6602

 73.6208, -22.4023,
14.3009

 75.6165, -14.1899,
9.6790

 77.8479, -5.2959,
4.8466

Harmonies

Analogous

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



66.3844, -28.8497, 42.9917



66.3830, -54.9422, 36.7148



66.3844, -66.1645, 15.9982

Triad

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



66.3844, -54.9431, 36.7151



66.3844, -17.4542, -126.6943



66.3844, 91.7948, 24.7984

Complementary

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



66.3830, -54.9422, 36.7148



40.2981, 73.2678, -28.3894

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.



66.3844, 97.0631, -11.7407



66.3830, -54.9422, 36.7148



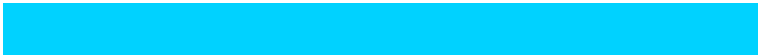
66.3844, 26.2277, -118.4521

Square

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



66.3844, -54.9431, 36.7151



66.3844, -48.4065, -86.7968



66.3844, 70.6917, -68.4868



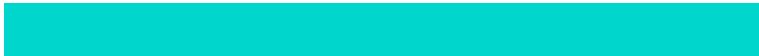
66.3844, 57.7138, 39.7063

Rectangle

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



66.3830, -54.9422, 36.7148



66.3844, -66.2437, -10.8447



66.3844, 70.6917, -68.4868



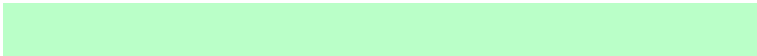
66.3844, 97.2714, 15.4095

Sweetspot

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



66.3844, -54.9431, 36.7151



92.8103, -34.6255, 21.7633



72.3426, -31.1720, 43.5624



42.5936, -17.4944, 10.9443

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.3844, -54.9431, 36.7151



84.7079, -71.6496, 48.7934



67.7212, -46.6777, 17.1802



35.4580, -5.8841, 4.1101



52.2401, -44.0532, 29.8025



11.9116, -9.7170, 6.0878

Inverse Universe

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



40.2981, 73.2678, -28.3894



50.6414, 95.3847, -34.4054



37.3513, 62.4312, 12.8993



33.7108, 2.3685, -0.3827



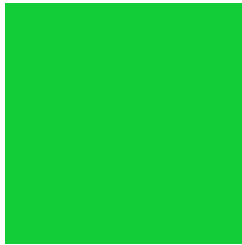
31.2603, 58.9470, -21.7587



7.1700, 13.6352, -5.8812

Previews

White Background



This preview shows how the HunterLab color 66.3830, -54.9422, 36.7148 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 66.3830, -54.9422, 36.7148 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 66.3830, -54.9422, 36.7148 Background



This preview shows how black text looks on a background with the HunterLab color 66.3830, -54.9422, 36.7148.



This preview shows how white text looks on a background with the HunterLab color 66.3830, -54.9422, 36.7148.

-54.9422, 36.7148.

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

66.3830, -54.9422, 36.7148

Protanopia

65.6768, -8.7075, 37.7929

Deuteranopia

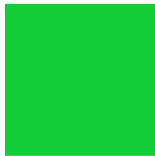
65.5630, 4.6160, 35.2405



Tritanopia

66.1044, -24.8465, -12.6480

Trichromacy



Original Color

66.3830, -54.9422, 36.7148



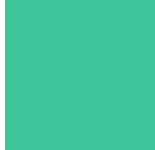
Protanomaly

63.7849, -33.5924, 35.8046



Deuteranomaly

62.8086, -27.0572, 33.5078



Tritanomaly

65.3750, -39.7793, 12.6466

Monochromacy



Original Color

66.3830, -54.9422, 36.7148



Achromatopsia

48.0354, -2.5630, 2.6099



Achromatomaly

52.9338, -27.8514, 17.4607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.3830, -54.9422, 36.7148 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(18, 205, 55)` looks like.

```
.text, #text, p{  
    color:rgb(18, 205, 55)  
}
```

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(18, 205, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 205, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 66.3830, -54.9422, 36.7148 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(18, 205, 55) }
```


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

```
.border{ border-color:rgb(18, 205, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 205, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 205, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 205, 55);  
box-shadow:4px 4px 4px 4px rgb(18, 205,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.3830, -54.9422, 36.7148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 205, 55) }
```

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

```
.background{ background-color: rgb(18, 205,  
55) }
```

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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