

Converting Colors

HunterLab(64.1828, -53.4612,
38.6132)

Have a look what the booklet for
HunterLab(64.1828, -53.4612,
38.6132) contains.

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Color

**HunterLab(64.2185,
-53.4933, 38.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	25C700
RGB	37, 199, 0
RGB Percent	15%, 78%, 0%
CMY	0.8549, 0.2196, 0.9999
CMYK	0.81, 0.00, 1.00, 0.22
HSL	109°, 100%, 39%
HSV	109°, 100%, 78%
XYZ	21.1864, 41.2402, 6.8435
YIQ	127.8760, -32.6730, -96.2330

Conversions

Conversions Part 2

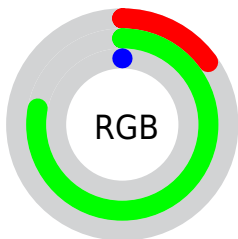
Format	Color
RYB	0, 199, 162
Decimal	2475776
CIELab	70.35, -69.01, 69.35
CIELCh	70, 97.834, 134.860
Yxy	41.2419, 0.3059, 0.5953
Android (android.graphics.Color)	4280665856 (0xFF25C700)
YUV	127.8760, -63.0429, -79.6983
Hunter-Lab	64.2185, -53.4933, 38.6347

Details

The HunterLab color $64.2185, -53.4933, 38.6347$ is a dark color, and the websafe version is hex $33CC00$. The color can be described as dark washed green. A complement of this color would be $34.3628, 70.8441, -70.8183$, and the grayscale version is $46.6628, -2.4898, 2.5353$.

A 20% lighter version of the original color is $86.9923, -61.6502, 47.3524$, and $44.3226, -38.0066, 26.6460$ is the 20% darker color. If you saturate the color by 10%, you get $64.2196, -53.4955, 38.6353$, and if you desaturate by 10%, it is $64.5454, -52.0343, 38.2571$.

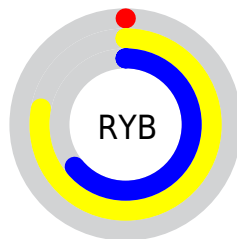
Distribution



Red (15%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (64%)

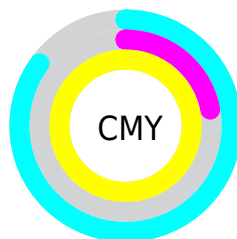


Cyan (81%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (85%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2185, -53.4933, 38.6347 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 64.2185, -53.4933, 38.6347 by changing the saturation by 10% instead.

■ 64.2185, -53.4933,
38.6347

■ 64.2185, -53.4933,
38.6347

187.4381,
-88.9999, 75.5519

■ 53.3930, -48.7259,
33.7240

■ 87.7787, -62.3318,
47.8233

■ 43.2540, -43.6477,
28.5732

■ 100.4465,
-66.4806, 52.1500

■ 33.8530, -38.1735,
23.6711

■ 113.6712,
-70.4875, 56.3279

■ 25.2533, -32.1786,
17.6773

■ 127.4301,
-74.3733, 60.3757

■ 17.5380, -26.0492,
12.2766

■ 141.7033,
-78.1548, 64.3093

■ 10.8233, -18.9409,
7.5763

■ 156.4729,

■ 1.9545, -3.4203,

-81.8458, 68.1424

1.3681

171.7228,
-85.4577, 71.8866

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.2185, -53.4933,
38.6347

■ 64.2185, -53.4933,
38.6347

■ 64.2196, -53.4955,
38.6353

■ 64.5454, -52.0343,
38.2571

■ 65.0235, -49.8638,
37.3783

■ 65.6747, -46.8893,
35.8229

■ 66.5099, -43.0812,
33.5285

■ 67.5364, -38.4381,

30.4644

■ 68.7578, -32.9818,
26.6263

■ 70.1751, -26.7532,
22.0312

■ 71.7867, -19.8070,
16.7129

■ 73.5889, -12.2074,
10.7175

Harmonies

Analogous

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



64.2198, -24.0129, 42.9412



64.2185, -53.4933, 38.6347



64.2198, -67.1047, 21.3893

Triad

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



64.2198, -53.4942, 38.6349



64.2198, -24.3663, -136.0372



64.2198, 102.5075, 21.1227

Complementary

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



64.2185, -53.4933, 38.6347



34.3628, 70.8441, -70.8183

Split Complementary

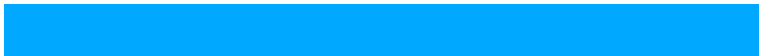
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.2198, 102.3361, -21.7266



64.2185, -53.4933, 38.6347



64.2198, 20.1237, -136.3144

Square

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



64.2198, -53.4942, 38.6349



64.2198, -53.6916, -85.0140



64.2198, 69.1100, -85.6219



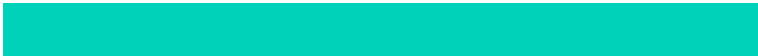
64.2198, 69.5288, 38.5537

Rectangle

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



64.2185, -53.4933, 38.6347



64.2198, -68.5774, -3.8211



64.2198, 69.1100, -85.6219



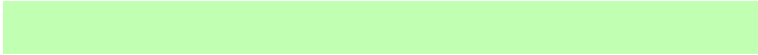
64.2198, 106.5662, 10.0415

Sweetspot

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



64.2198, -53.4942, 38.6349



92.7657, -35.7921, 29.4465



60.8360, -0.8699, 37.4711



42.5342, -18.2375, 14.8737

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.2198, -53.4942, 38.6349



84.9315, -70.9719, 51.0919



64.1653, -53.2228, 34.6928



34.6137, -5.5068, 4.8523



51.5233, -42.7795, 30.9995



11.3423, -8.7559, 6.8358

Inverse Universe

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



34.3628, 70.8441, -70.8183



45.3579, 93.5942, -94.0795



37.4382, 69.1140, -14.5914



32.7310, 2.0686, -1.3829



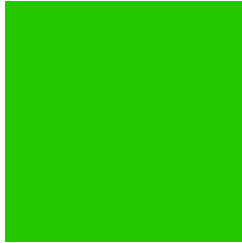
27.6179, 56.8970, -56.5748



6.2267, 12.6796, -11.6062

Previews

White Background



This preview shows how the HunterLab color 64.2185, -53.4933, 38.6347 looks on a white background.

Color Contrast Check

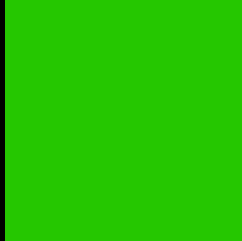
Large Text (above 18pt) WCAG AA × Fail

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 64.2185, -53.4933, 38.6347 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 64.2185, -53.4933, 38.6347 Background



This preview shows how black text looks on a background with the HunterLab color 64.2185, -53.4933, 38.6347.



This preview shows how white text looks on a background with the HunterLab color 64.2185,

-53.4933, 38.6347.

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

64.2185, -53.4933, 38.6347

Protanopia

63.5077, -9.1075, 38.9737

Deuteranopia

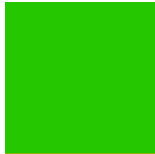
63.4911, 4.4058, 37.0658



Tritanopia

64.0638, -22.9764, -11.4982

Trichromacy



Original Color

64.2185, -53.4933, 38.6347



Protanomaly

61.8724, -31.3139, 37.5773



Deuteranomaly

61.0107, -24.5402, 36.1573



Tritanomaly

63.0070, -39.8822, 19.2322

Monochromacy



Original Color

64.2185, -53.4933, 38.6347



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

51.1255, -27.4618, 21.9948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2185, -53.4933, 38.6347 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(37, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 199, 0)  
}
```

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(37, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 199, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2185, -53.4933, 38.6347 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(37, 199, 0) }
```


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

```
.border{ border-color:rgb(37, 199, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 199, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(37, 199, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 64.2185, -53.4933, 38.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 199, 0) }
```

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

```
.background{ background-color: rgb(37, 199,  
0) }
```

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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