

Converting Colors

HunterLab(66.1107, -53.8792,
33.6772)

Have a look what the booklet for
HunterLab(66.1107, -53.8792,
33.6772) contains.

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Color

**HunterLab(66.1117,
-53.8730, 33.6626)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC4C
RGB	0, 204, 76
RGB Percent	0%, 80%, 30%
CMY	1.0000, 0.2000, 0.7019
CMYK	1.00, 0.00, 0.63, 0.20
HSL	142°, 100%, 40%
HSV	142°, 100%, 80%
XYZ	22.8974, 43.7076, 14.0671
YIQ	128.4120, -80.4960, -83.0560

Conversions

Conversions Part 2

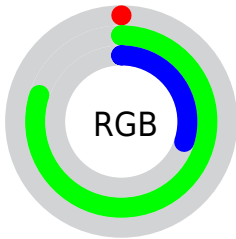
Format	Color
RYB	0, 149, 204
Decimal	52300
CIELab	72.03, -68.34, 50.67
CIELCh	72, 85.075, 143.442
Yxy	43.7094, 0.2838, 0.5418
Android (android.graphics.Color)	4278242380 (0xFF00CC4C)
YUV	128.4120, -25.8391, -112.6173
Hunter-Lab	66.1117, -53.8730, 33.6626

Details

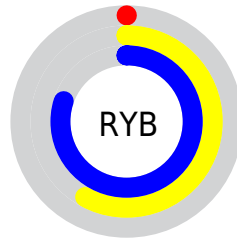
The HunterLab color **66.1117, -53.8730, 33.6626** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **37.9431, 69.0854, -7.3259**, and the grayscale version is **46.7455, -2.4942, 2.5398**.

A 20% lighter version of the original color is **87.1714, -59.7569, 38.5424**, and **46.0690, -39.1657, 26.9653** is the 20% darker color. If you saturate the color by 10%, you get **66.1130, -53.8743, 33.6637**, and if you desaturate by 10%, it is **66.3766, -52.4637, 31.5787**.

Distribution



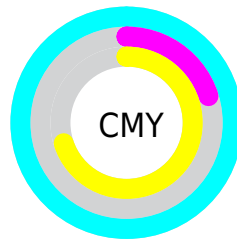
- Red (0%)
- Green (80%)
- Blue (30%)



- Red (0%)
- Yellow (58%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1117, -53.8730, 33.6626 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 66.1117, -53.8730, 33.6626 by changing the saturation by 10% instead.

■ 66.1117, -53.8730,
33.6626

■ 66.1117, -53.8730,
33.6626

190.1370,
-88.8891, 61.6571

■ 55.1743, -49.1955,
29.9944

■ 89.8778, -62.5636,
40.5326

■ 44.9159, -44.2231,
26.1276

■ 102.6414,
-66.6503, 43.7831

■ 35.3863, -38.8758,
22.0238

■ 115.9578,
-70.6007, 46.9358

■ 26.6461, -33.0379,
17.9434

■ 129.8049,
-74.4348, 50.0050

■ 18.7745, -26.6732,
13.1421

■ 144.1632,
-78.1687, 53.0027

■ 11.8805, -20.7909,
8.3164

159.0150,

■ 4.7450, -8.3038,

-81.8154, 55.9387

3.3215

174.3444,
-85.3859, 58.8212

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.1117, -53.8730,
33.6626

■ 66.1117, -53.8730,
33.6626

■ 66.1130, -53.8743,
33.6637

■ 66.3766, -52.4637,
31.5787

■ 66.7880, -50.3859,
29.2042

■ 67.3872, -47.4902,
26.5789

■ 68.1920, -43.7297,
23.7353

■ 69.2145, -39.0933,

20.7098

■ 70.4617, -33.5997,
17.5416

■ 71.9368, -27.2916,
14.2707

■ 73.6390, -20.2298,
10.9365

■ 75.5649, -12.4871,
7.5756

Harmonies

Analogous

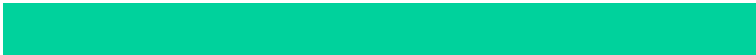
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.1131, -30.9474, 41.3872



66.1117, -53.8730, 33.6626



66.1131, -63.0273, 11.2815

Triad

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



66.1131, -53.8738, 33.6629



66.1131, -11.9286, -114.7714



66.1131, 80.9005, 26.2566

Complementary

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



66.1117, -53.8730, 33.6626



37.9431, 69.0854, -7.3259

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.



66.1131, 89.3536, -5.1335



66.1117, -53.8730, 33.6626



66.1131, 29.2391, -101.9105

Square

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



66.1131, -53.8738, 33.6629



66.1131, -42.7345, -83.9001



66.1131, 68.6392, -55.0087



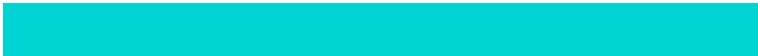
66.1131, 47.6743, 39.1872

Rectangle

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



66.1117, -53.8730, 33.6626



66.1131, -62.0711, -15.3531



66.1131, 68.6392, -55.0087



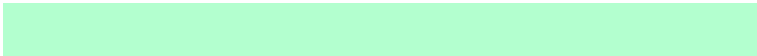
66.1131, 87.0105, 18.2029

Sweetspot

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



66.1131, -53.8738, 33.6629



92.4928, -35.4602, 18.5327



69.1886, -41.9332, 41.8994



42.4020, -18.0591, 9.4110

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.1131, -53.8738, 33.6629



85.0566, -69.4684, 43.6490



68.0838, -41.7779, 5.0881



35.5034, -5.6300, 3.4588



52.4659, -42.6417, 26.4734



11.9777, -9.3055, 5.1169

Inverse Universe

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



37.9431, 69.0854, -7.3259



48.7834, 88.7458, -8.8084



35.9418, 61.7731, 21.4973



33.6602, 2.0972, 0.3368



30.1322, 54.9194, -6.2420



6.9483, 12.8483, -2.8676

Previews

White Background



This preview shows how the HunterLab color 66.1117, -53.8730, 33.6626 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 66.1117, -53.8730, 33.6626 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 66.1117, -53.8730, 33.6626 Background



This preview shows how black text looks on a background with the HunterLab color 66.1117, -53.8730, 33.6626.



This preview shows how white text looks on a background with the HunterLab color 66.1117, -53.8730, 33.6626.

-53.8730, 33.6626.

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

66.1117, -53.8730, 33.6626

Protanopia

65.3295, -8.0972, 35.1507

Deuteranopia

65.4008, 4.4472, 32.2032



Tritanopia

66.0003, -25.2423, -12.8025

Trichromacy



Original Color

66.1117, -53.8730, 33.6626



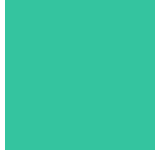
Protanomaly

63.1331, -34.1203, 32.7066



Deuteranomaly

62.1172, -27.6720, 29.9807



Tritanomaly

65.3553, -39.4976, 9.8233

Monochromacy



Original Color

66.1117, -53.8730, 33.6626



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

51.6046, -27.9006, 14.6874

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.1117, -53.8730, 33.6626 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(0, 204, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 76)  
}
```

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(0, 204, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 66.1117, -53.8730, 33.6626 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(0, 204, 76) }
```


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

```
.border{ border-color:rgb(0, 204, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 66.1117, -53.8730, 33.6626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 76) }
```

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

```
.background{ background-color: rgb(0, 204,  
76) }
```

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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