

Converting Colors

HunterLab(66.2665, -52.8686,
31.3018)

Have a look what the booklet for
HunterLab(66.2665, -52.8686,
31.3018) contains.

HunterLab(66.2751, -52.8546, 31.2597)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(66.2751,
-52.8546, 31.2597)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC5A
RGB	0, 204, 90
RGB Percent	0%, 80%, 35%
CMY	1.0000, 0.2000, 0.6470
CMYK	1.00, 0.00, 0.56, 0.20
HSL	146°, 100%, 40%
HSV	146°, 100%, 80%
XYZ	23.4383, 43.9239, 16.9157
YIQ	130.0080, -84.9900, -78.7020

Conversions

Conversions Part 2

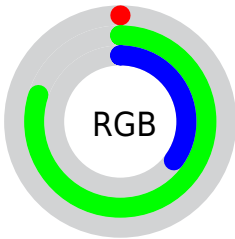
Format	Color
RYB	0, 142, 204
Decimal	52314
CIELab	72.18, -66.53, 44.51
CIELCh	72, 80.050, 146.215
Yxy	43.9257, 0.2781, 0.5212
Android (android.graphics.Color)	4278242394 (0xFF00CC5A)
YUV	130.0080, -19.7239, -114.0170
Hunter-Lab	66.2751, -52.8546, 31.2597

Details

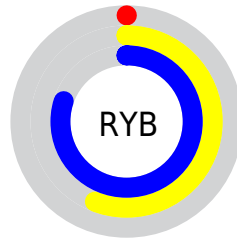
The HunterLab color **66.2751, -52.8546, 31.2597** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **37.4874, 67.4385, -0.9012**, and the grayscale version is **47.3510, -2.5265, 2.5727**.

A 20% lighter version of the original color is **87.3659, -58.5029, 35.1747**, and **46.1733, -38.5116, 25.4229** is the 20% darker color. If you saturate the color by 10%, you get **66.2764, -52.8557, 31.2607**, and if you desaturate by 10%, it is **66.5492, -51.3921, 29.0460**.

Distribution



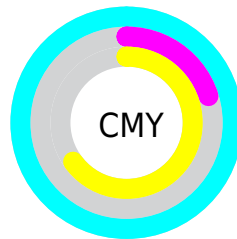
- Red (0%)
- Green (80%)
- Blue (35%)



- Red (0%)
- Yellow (56%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.2751, -52.8546, 31.2597 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 66.2751, -52.8546, 31.2597 by changing the saturation by 10% instead.

■ 66.2751, -52.8546,
31.2597

■ 66.2751, -52.8546,
31.2597

190.3694,
-87.0438, 56.4184

■ 55.3282, -48.2998,
27.9989

■ 90.0588, -61.3251,
37.3846

■ 45.0596, -43.4609,
24.5647

■ 102.8306,
-65.3118, 40.2927

■ 35.5189, -38.2607,
20.9173

■ 116.1548,
-69.1677, 43.1203

■ 26.7668, -32.5866,
17.0385

■ 130.0095,
-72.9120, 45.8799

■ 18.8819, -26.3355,
13.2173

■ 144.3750,
-76.5602, 48.5818

■ 11.9728, -20.9524,
8.3810

159.2339,

■ 4.9113, -8.5947,

-80.1248, 51.2344

3.4379

174.5701,
-83.6164, 53.8446

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.2751, -52.8546,
31.2597

■ 66.2751, -52.8546,
31.2597

■ 66.2764, -52.8557,
31.2607

■ 66.5492, -51.3921,
29.0460


■ 66.9647, -49.2956,
26.6192


■ 67.5622, -46.4188,
24.0253


■ 68.3594, -42.7155,
21.3002


■ 69.3681, -38.1737,

18.4809

 70.5956, -32.8098,
15.6050

 72.0450, -26.6630,
12.7090

 73.7161, -19.7899,
9.8269

 75.6057, -12.2586,
6.9890

Harmonies

Analogous

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



66.2764, -32.0944, 40.1089



66.2751, -52.8546, 31.2597



66.2764, -60.5768, 7.9160

Triad

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



66.2764, -52.8553, 31.2601



66.2764, -8.1652, -105.4644



66.2764, 73.0009, 27.0567

Complementary

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



66.2751, -52.8546, 31.2597



37.4874, 67.4385, -0.9012

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.



66.2764, 83.2931, -1.0110



66.2751, -52.8546, 31.2597



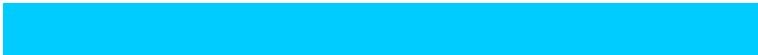
66.2764, 30.8543, -90.1766

Square

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



66.2764, -52.8553, 31.2601



66.2764, -38.6010, -80.7308



66.2764, 66.4480, -46.0527



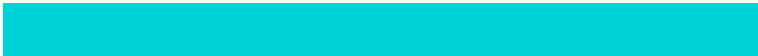
66.2764, 40.7753, 38.7832

Rectangle

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



66.2751, -52.8546, 31.2597



66.2764, -58.8936, -18.1753



66.2764, 66.4480, -46.0527



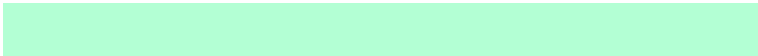
66.2764, 79.4068, 19.8410

Sweetspot

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



66.2764, -52.8553, 31.2601



92.6338, -34.6417, 16.5016



68.4641, -44.8714, 41.4016



42.4741, -17.6375, 8.3710

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.2764, -52.8553, 31.2601



85.2649, -68.1699, 40.5856



68.5002, -39.2713, -0.8437



35.5216, -5.5287, 3.1993



52.5969, -41.8256, 24.5480



12.0098, -9.1070, 4.6482

Inverse Universe

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



37.4874, 67.4385, -0.9012



48.1955, 86.6198, -0.5115



35.8729, 61.5179, 22.5180



33.6406, 1.9919, 0.6158



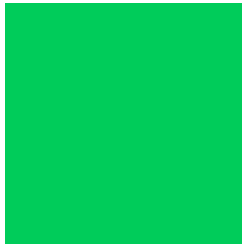
29.7720, 53.6177, -1.1671



6.8730, 12.5784, -1.8235

Previews

White Background



This preview shows how the HunterLab color 66.2751, -52.8546, 31.2597 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 66.2751, -52.8546, 31.2597 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 66.2751, -52.8546, 31.2597 Background



This preview shows how black text looks on a background with the HunterLab color 66.2751, -52.8546, 31.2597.



This preview shows how white text looks on a background with the HunterLab color 66.2751, -52.8546, 31.2597.

-52.8546, 31.2597.

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

66.2751, -52.8546, 31.2597

Protanopia

65.7623, -7.8245, 33.3670

Deuteranopia

65.4627, 5.0093, 29.5058



Tritanopia

66.2644, -25.9365, -12.4406

Trichromacy



Original Color

66.2751, -52.8546, 31.2597



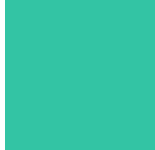
Protanomaly

63.2795, -33.2476, 30.5518



Deuteranomaly

62.2264, -26.8959, 27.3287



Tritanomaly

65.4706, -38.7629, 7.8577

Monochromacy



Original Color

66.2751, -52.8546, 31.2597



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

52.1447, -27.1759, 13.2134

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.2751, -52.8546, 31.2597 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 66.2751, -52.8546, 31.2597 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, 90) }
```


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

```
.border{ border-color:rgb(0, 204, 90) }
```

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, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 66.2751, -52.8546, 31.2597 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, 90) }
```

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

```
.background{ background-color: rgb(0, 204,  
90) }
```

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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