

# Converting Colors

HunterLab(76.0289, -52.0401,  
33.3031)

Have a look what the booklet for  
HunterLab(76.0289, -52.0401,  
33.3031) contains.

<b>HunterLab(76.0291, -52.0350, 33.2892)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(76.0291,  
-52.0350, 33.2892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AE273
RGB	90, 226, 115
RGB Percent	35%, 89%, 45%
CMY	0.6471, 0.1137, 0.5490
CMYK	0.60, 0.00, 0.49, 0.11
HSL	131°, 70%, 62%
HSV	131°, 60%, 89%
XYZ	34.5074, 57.8042, 25.5583
YIQ	172.6820, -45.4250, -63.3530

# Conversions

## Conversions Part 2

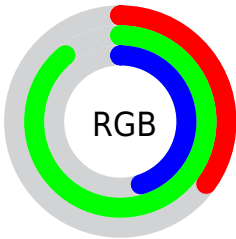
Format	Color
<a href="#">RYB</a>	<a href="#">90, 205, 226</a>
Decimal	<a href="#">5956211</a>
CIELab	<a href="#">80.63, -59.82, 43.23</a>
CIElCh	<a href="#">81, 73.802, 144.143</a>
Yxy	<a href="#">57.8066, 0.2928, 0.4904</a>
Android (android.graphics.Color)	<a href="#">4284146291 (0xFF5AE273)</a>
YUV	<a href="#">172.6820, -28.4372, -72.5121</a>
Hunter-Lab	<a href="#">76.0291, -52.0350, 33.2892</a>

# Details

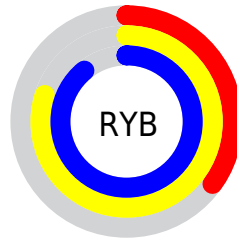
The HunterLab color **76.0291, -52.0350, 33.2892** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **52.6301, 62.4342, -28.7295**, and the grayscale version is **64.6413, -3.4491, 3.5121**.

A 20% lighter version of the original color is **89.9799, -47.0005, 29.8889**, and **53.6154, -43.5104, 26.9120** is the 20% darker color. If you saturate the color by 10%, you get **75.1381, -56.2392, 36.4765**, and if you desaturate by 10%, it is **77.1915, -46.7012, 29.5782**.

# Distribution



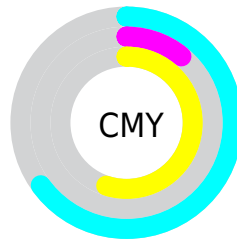
- Red (35%)
- Green (89%)
- Blue (45%)



- Red (35%)
- Yellow (80%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (49%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0291, -52.0350, 33.2892 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 76.0291, -52.0350, 33.2892 by changing the saturation by 10% instead.



■ 76.0291, -52.0350,  
33.2892

■ 76.0291, -52.0350,  
33.2892

204.0747,  
-82.5330, 57.3928

■ 64.5393, -48.0882,  
30.2293

■ 100.8173,  
-59.4634, 39.0862

■ 53.6934, -43.9366,  
27.0288

■ 114.0575,  
-62.9935, 41.8580

■ 43.5341, -39.5292,  
23.6553

■ 127.8314,  
-66.4259, 44.5633

■ 34.1111, -34.7925,  
20.0673

■ 142.1191,  
-69.7747, 47.2123

■ 25.4875, -29.6179,  
16.2829

156.9026,  
-73.0512, 49.8134

■ 17.7455, -23.9062,  
12.4219

172.1660,

■ 11.0001, -19.2502,

-76.2647, 52.3734

7.7001

187.8945,  
-79.4231, 54.8983

■ 2.6434, -4.6259,  
1.8504

0.0000, NaN, NaN

■ 76.0291, -52.0350,  
33.2892

■ 76.0291, -52.0350,  
33.2892

■ 75.1381, -56.2392,  
36.4765

■ 77.1915, -46.7012,  
29.5782

■ 74.4984, -59.3297,  
39.1139


■ 78.6297, -40.2570,  
25.3812


■ 74.0882, -61.3759,  
41.1942

■ 80.3488, -32.7595,  
20.7495


■ 73.8640, -62.5461,  
42.6954

■ 82.3478, -24.2903,  
15.7411

 84.6218, -14.9477,  
10.4173

 87.1626, -4.8384,  
4.8389

 89.9600, 5.9293,  
-0.9366

 91.0357, 10.2695,  
-5.3408

# Harmonies

## Analogous

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



76.0307, -30.1236, 42.8420



76.0291, -52.0350, 33.2892



76.0307, -60.9551, 10.4980

# Triad

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



76.0307, -52.0361, 33.2897



76.0307, -10.9318, -93.5423



76.0307, 69.1723, 26.2761

# Complementary

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



76.0291, -52.0350, 33.2892



52.6301, 62.4342, -28.7295

# 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.



76.0307, 76.8799, -2.8225



76.0291, -52.0350, 33.2892



76.0307, 26.0671, -82.6856

# Square

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



76.0307, -52.0361, 33.2897



76.0307, -40.2012, -69.9795



76.0307, 59.8764, -44.8406



76.0307, 40.4169, 40.2959



# Rectangle

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



76.0291, -52.0350, 33.2892



76.0307, -59.7813, -13.5873



76.0307, 59.8764, -44.8406



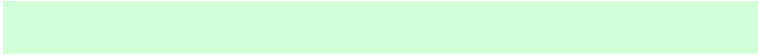
76.0307, 74.5082, 18.4140

# Sweetspot

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



76.0307, -52.0361, 33.2897



94.9356, -25.7275, 16.8215



82.1952, -28.4192, 43.1731



43.5868, -13.2974, 8.5897

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0307, -52.0361, 33.2897



85.9638, -65.4151, 42.5795



77.4500, -43.4532, 12.6946



39.2151, -6.5796, 4.6311



55.8007, -47.1699, 32.0802



14.7323, -12.1600, 7.8358



# Inverse Universe

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



52.6301, 62.4342, -28.7295



55.7237, 83.8007, -37.1661



50.1771, 51.8538, 5.5767



37.2695, 2.6988, -0.5179



33.5050, 63.3521, -24.6574

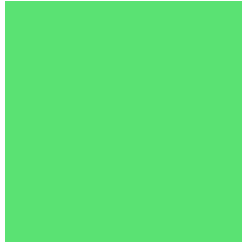


8.8853, 16.9058, -7.3544



# Previews

## White Background



This preview shows how the HunterLab color 76.0291, -52.0350, 33.2892 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

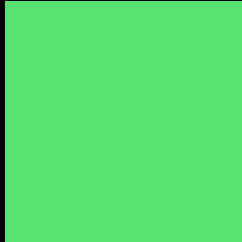
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.0291, -52.0350, 33.2892 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 76.0291, -52.0350, 33.2892 Background



This preview shows how black text looks on a background with the HunterLab color 76.0291, -52.0350, 33.2892.



This preview shows how white text looks on a background with the HunterLab color 76.0291, -52.0350, 33.2892.

-52.0350, 33.2892.

# 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

76.0291, -52.0350, 33.2892

### Protanopia

75.4499, -8.5736, 35.8396

### Deuteranopia

75.3707, 5.4309, 31.5378



## Tritanopia

75.7408, -24.2258, -12.3558

# Trichromacy



## Original Color

76.0291, -52.0350, 33.2892



## Protanomaly

74.4820, -28.3127, 33.8828



## Deuteranomaly

73.7609, -20.6307, 30.5496



## Tritanomaly

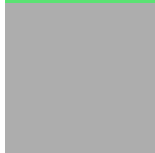
75.5570, -36.3590, 8.5875

# Monochromacy



## Original Color

76.0291, -52.0350, 33.2892



## Achromatopsia

64.6440, -3.4492, 3.5122



## Achromatomaly

67.6801, -23.9027, 15.2624

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0291, -52.0350, 33.2892 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(90, 226, 115)` looks like.

```
.text, #text, p{  
    color:rgb(90, 226, 115)  
}
```

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(90, 226, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 226, 115) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0291, -52.0350, 33.2892 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(90, 226, 115) }
```



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

```
.border{ border-color:rgb(90, 226, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 226, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 226, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 226, 115);  
box-shadow:4px 4px 4px 4px rgb(90, 226,  
115) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0291, -52.0350, 33.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 226, 115) }
```

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

```
.background{ background-color: rgb(90, 226,  
115) }
```

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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