

# Converting Colors

HunterLab(75.8611, -59.2463,  
33.0783)

Have a look what the booklet for  
HunterLab(75.8611, -59.2463,  
33.0783) contains.

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# Color

**HunterLab(76.0470,  
-59.3995, 33.1743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E673
RGB	0, 230, 115
RGB Percent	0%, 90%, 45%
CMY	1.0000, 0.0980, 0.5490
CMYK	1.00, 0.00, 0.50, 0.10
HSL	150°, 100%, 45%
HSV	150°, 100%, 90%
XYZ	31.3913, 57.8315, 25.7277
YIQ	148.1200, -100.1650, -84.5250

# Conversions

## Conversions Part 2

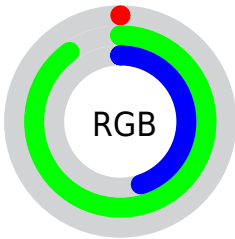
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 153, 230
Decimal	58995
CIELab	80.65, -70.96, 42.98
CIELCh	81, 82.962, 148.794
Yxy	57.8338, 0.2731, 0.5031
Android (android.graphics.Color)	4278249075 (0xFF00E673)
YUV	148.1200, -16.3282, -129.9012
Hunter-Lab	76.0470, -59.3995, 33.1743

# Details

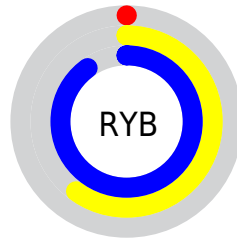
The HunterLab color **76.0470, -59.3995, 33.1743** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **42.4995, 75.6931, 4.8798**, and the grayscale version is **54.5623, -2.9113, 2.9645**.

A 20% lighter version of the original color is **88.1112, -54.4658, 28.0821**, and **55.0066, -44.7658, 27.8829** is the 20% darker color. If you saturate the color by 10%, you get **76.0484, -59.4011, 33.1761**, and if you desaturate by 10%, it is **76.3528, -57.7547, 30.5769**.

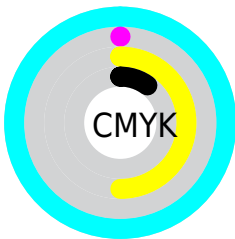
# Distribution



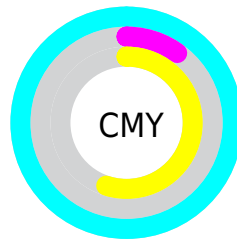
- Red (0%)
- Green (90%)
- Blue (45%)



- Red (0%)
- Yellow (60%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (10%)




- Cyan (100%)
- Magenta (10%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0470, -59.3995, 33.1743 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 76.0470, -59.3995, 33.1743 by changing the saturation by 10% instead.




 76.0470, -59.3995,  
33.1743


 76.0470, -59.3995,  
33.1743


204.0996,  
-94.6813, 57.1699

 64.5562, -54.7656,  
30.1299


 100.8369,  
-68.0769, 38.9430


 53.7093, -49.8751,  
26.9458


 114.0780,  
-72.1811, 41.7018

 43.5489, -44.6660,  
23.5901


 127.8527,  
-76.1599, 44.3948

 34.1248, -39.0506,  
20.0210

 142.1411,  
-80.0306, 47.0320

 25.4999, -32.9029,  
16.2481

 156.9254,  
-83.8073, 49.6218

 17.7565, -26.6481,  
12.4296

172.1894,

 11.0095, -19.2667,

-87.5018, 52.1710

7.7067

187.9186,  
-91.1236, 54.6854

■ 2.6749, -4.6810,  
1.8724

0.0000, NaN, NaN

■ 76.0470, -59.3995,  
33.1743

■ 76.0470, -59.3995,  
33.1743

■ 76.0484, -59.4011,  
33.1761

■ 76.3528, -57.7547,  
30.5769

■ 76.8193, -55.4001,  
27.8065

■ 77.4904, -52.1788,  
24.9182

■ 78.3870, -48.0344,  
21.9551

■ 79.5234, -42.9498,  
18.9602

■ 80.9082, -36.9401,  
15.9748

■ 82.5455, -30.0467,  
13.0373

■ 84.4355, -22.3311,  
10.1824

■ 86.5749, -13.8684,  
7.4393

# Harmonies

## Analogous

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



76.0485, -37.7427, 44.4410



76.0470, -59.3995, 33.1743



76.0485, -66.8034, 5.6672

# Triad

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



76.0485, -59.4003, 33.1747



76.0485, -5.6780, -111.7201



76.0485, 75.9682, 31.6661

# Complementary

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



76.0470, -59.3995, 33.1743



42.4995, 75.6931, 4.8798

# 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.



76.0485, 89.3690, 2.5794



76.0470, -59.3995, 33.1743



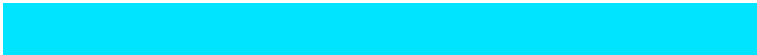
76.0485, 36.7419, -92.2396

# Square

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



76.0485, -59.4003, 33.1747



76.0485, -40.0218, -89.0778



76.0485, 73.7373, -44.4972



76.0485, 40.1404, 43.9413



# Rectangle

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



76.0470, -59.3995, 33.1743



76.0485, -64.1434, -23.4758



76.0485, 73.7373, -44.4972



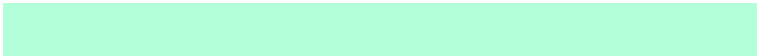
76.0485, 83.5360, 24.1766

# Sweetspot

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



76.0485, -59.4003, 33.1747



92.7582, -33.9209, 14.7130



77.7860, -53.7804, 46.9896



42.5380, -17.2645, 7.4507

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0485, -59.4003, 33.1747



85.4782, -66.8439, 37.4565



78.8012, -42.6530, -6.4186



40.2601, -6.2186, 3.3875



57.2412, -44.5601, 24.6460



15.6205, -11.7409, 5.8208



# Inverse Universe

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



42.4995, 75.6931, 4.8798



47.7551, 85.0184, 5.7713



41.0272, 70.2793, 26.3516



38.0626, 2.2159, 0.9504



32.0153, 57.0933, 3.1205

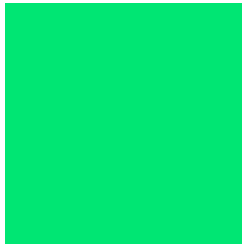


8.8101, 15.9090, -0.6746



# Previews

## White Background



This preview shows how the HunterLab color 76.0470, -59.3995, 33.1743 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 76.0470, -59.3995, 33.1743 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 76.0470, -59.3995, 33.1743 Background



This preview shows how black text looks on a background with the HunterLab color 76.0470, -59.3995, 33.1743.



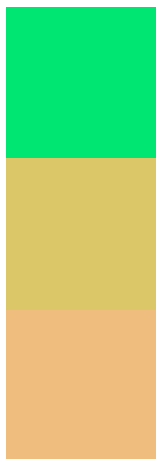
This preview shows how white text looks on a background with the HunterLab color 76.0470,

-59.3995, 33.1743.

# 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

76.0470, -59.3995, 33.1743

### Protanopia

75.1317, -8.1603, 35.8177

### Deuteranopia

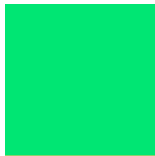
74.9844, 5.6460, 30.9627



## Tritanopia

75.9216, -30.1461, -14.5348

# Trichromacy



## Original Color

76.0470, -59.3995, 33.1743



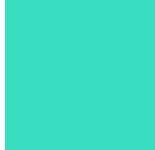
## Protanomaly

72.5706, -37.4643, 32.4707



## Deuteranomaly

71.5832, -30.5314, 28.5921



## Tritanomaly

75.3956, -43.9746, 6.9274

# Monochromacy



## Original Color

76.0470, -59.3995, 33.1743



## Achromatopsia

54.4186, -2.9036, 2.9567



## Achromatomaly

59.9984, -30.6784, 13.4161

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0470, -59.3995, 33.1743 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, 230, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 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(0, 230, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 115) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0470, -59.3995, 33.1743 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, 230, 115) }
```



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

```
.border{ border-color:rgb(0, 230, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 230, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 230,  
115) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0470, -59.3995, 33.1743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 115) }
```

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

```
.background{ background-color: rgb(0, 230,  
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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