

# Converting Colors

HunterLab(74.9592, -58.5683,  
34.0641)

Have a look what the booklet for  
HunterLab(74.9592, -58.5683,  
34.0641) contains.

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# Color

**HunterLab(74.9546,  
-58.5930, 34.1580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17E36B
RGB	23, 227, 107
RGB Percent	9%, 89%, 42%
CMY	0.9098, 0.1098, 0.5804
CMYK	0.90, 0.00, 0.53, 0.11
HSL	145°, 82%, 49%
HSV	145°, 90%, 89%
XYZ	30.4763, 56.1819, 23.1478
YIQ	152.3240, -83.0640, -80.5680

# Conversions

## Conversions Part 2

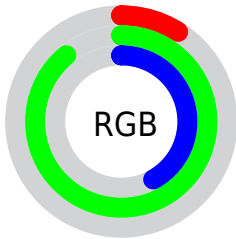
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">23, 168, 227</a>
Decimal	<a href="#">1565547</a>
CIELab	<a href="#">79.72, -70.35, 45.66</a>
CIELCh	<a href="#">80, 83.871, 147.013</a>
Yxy	<a href="#">56.1842, 0.2775, 0.5116</a>
Android (android.graphics.Color)	<a href="#">4279755627</a> ( <a href="#">0xFF17E36B</a> )
YUV	<a href="#">152.3240, -22.3447, -113.4171</a>
Hunter-Lab	<a href="#">74.9546, -58.5930, 34.1580</a>

# Details

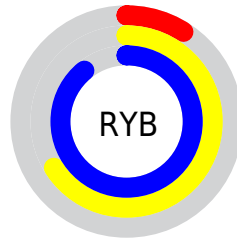
The HunterLab color **74.9546, -58.5930, 34.1580** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **43.5063, 75.4431, -7.2890**, and the grayscale version is **56.2797, -3.0029, 3.0578**.

A 20% lighter version of the original color is **88.0931, -54.8697, 30.6283**, and **53.8751, -44.3701, 28.4431** is the 20% darker color. If you saturate the color by 10%, you get **74.6621, -60.1817, 36.6087**, and if you desaturate by 10%, it is **75.4183, -56.2548, 31.4288**.

# Distribution



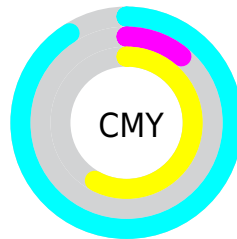
- Red (9%)
- Green (89%)
- Blue (42%)



- Red (9%)
- Yellow (66%)
- Blue (89%)



- Cyan (90%)
- Magenta (0%)
- Yellow (53%)
- Black (11%)




- Cyan (91%)
- Magenta (11%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9546, -58.5930, 34.1580 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 74.9546, -58.5930, 34.1580 by changing the saturation by 10% instead.





 74.9546, -58.5930,  
34.1580


 74.9546, -58.5930,  
34.1580


202.5797,  
-93.7032, 59.3778

 63.5221, -53.9757,  
30.9341


 99.6363, -67.2339,  
40.2514

 52.7371, -49.0996,  
27.5569


 112.8267,  
-71.3190, 43.1583


 42.6427, -43.9014,  
23.9927


 126.5528,  
-75.2784, 45.9915

 33.2899, -38.2914,  
20.1991

 140.7944,  
-79.1296, 48.7621

 24.7430, -32.1399,  
16.3861

 155.5333,  
-82.8869, 51.4790

 17.0865, -26.1669,  
11.9606

170.7535,

 10.4396, -18.2692,

-86.5619, 54.1499

7.3077

186.4401,  
-90.1646, 56.7810

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9546, -58.5930,  
34.1580

■ 74.9546, -58.5930,  
34.1580

■ 74.6621, -60.1817,  
36.6087

■ 75.4183, -56.2548,  
31.4288

■ 74.6586, -60.2007,  
36.6393


■ 76.0902, -53.0090,  
28.4665


■ 76.9926, -48.8015,  
25.3110


■ 78.1394, -43.6180,  
22.0051


■ 79.5389, -37.4778,

18.5928

 81.1947, -30.4273,  
15.1180

 83.1065, -22.5337,  
11.6225

 85.2704, -13.8774,  
8.1442

 87.6801, -4.5467,  
4.7162

# Harmonies

## Analogous

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



74.9561, -36.0756, 44.5395



74.9546, -58.5930, 34.1580



74.9561, -66.7939, 7.8241

# Triad

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



74.9561, -58.5938, 34.1584



74.9561, -8.0027, -113.3126



74.9561, 78.3594, 30.4487

# Complementary

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



74.9546, -58.5930, 34.1580



43.5063, 75.4431, -7.2890

# 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.



74.9561, 90.2326, 0.1324



74.9546, -58.5930, 34.1580



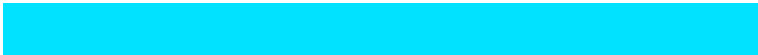
74.9561, 34.5731, -95.8976

# Square

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



74.9561, -58.5938, 34.1584



74.9561, -41.7275, -87.9298



74.9561, 72.7713, -48.2268



74.9561, 43.0674, 43.3314



# Rectangle

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



74.9546, -58.5930, 34.1580



74.9561, -64.6825, -20.8740



74.9561, 72.7713, -48.2268



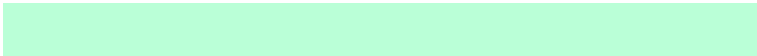
74.9561, 85.5076, 22.6149

# Sweetspot

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



74.9561, -58.5938, 34.1584



93.1979, -32.3830, 16.1759



78.1402, -46.8023, 46.7149



42.7895, -16.3543, 8.1174

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.9561, -58.5938, 34.1584



85.1703, -68.7587, 41.9748



77.2064, -44.8563, 1.6508



40.2332, -6.3690, 3.7727



57.0332, -45.8533, 27.6977



15.5621, -12.1025, 6.6745



# Inverse Universe

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



43.5063, 75.4431, -7.2890



48.4377, 87.4971, -3.9414



41.3787, 67.4835, 23.3477



38.0914, 2.3704, 0.5405



32.4718, 58.7500, -3.3657

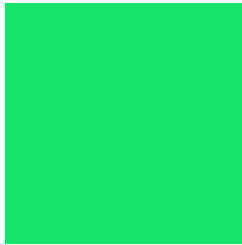


8.9306, 16.3435, -2.3658



# Previews

## White Background



This preview shows how the HunterLab color 74.9546, -58.5930, 34.1580 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 74.9546, -58.5930, 34.1580 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 74.9546, -58.5930, 34.1580 Background



This preview shows how black text looks on a background with the HunterLab color 74.9546, -58.5930, 34.1580.



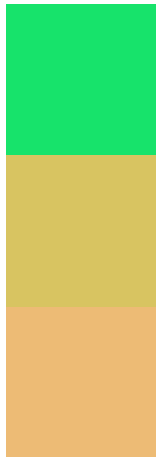
This preview shows how white text looks on a background with the HunterLab color 74.9546, -58.5930, 34.1580.

-58.5930, 34.1580.

# 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

74.9546, -58.5930, 34.1580

### Protanopia

74.1228, -8.7851, 36.4742

### Deuteranopia

74.0470, 5.1873, 32.2426



## Tritanopia

74.8574, -29.2123, -14.2638

# Trichromacy



## Original Color

74.9546, -58.5930, 34.1580



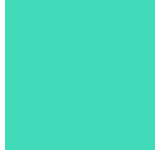
## Protanomaly

71.8862, -35.1286, 33.5264



## Deuteranomaly

71.2771, -28.5713, 30.4250



## Tritanomaly

74.4086, -42.7958, 8.0855

# Monochromacy



## Original Color

74.9546, -58.5930, 34.1580



## Achromatopsia

56.0347, -2.9899, 3.0445



## Achromatomaly

60.8449, -29.0593, 14.2863

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.9546, -58.5930, 34.1580 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(23, 227, 107)` looks like.

```
.text, #text, p{  
    color:rgb(23, 227, 107)  
}
```

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(23, 227, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 227, 107) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.9546, -58.5930, 34.1580 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(23, 227, 107) }
```



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

```
.border{ border-color:rgb(23, 227, 107) }
```

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

Here you see how a box with a 4 pixel rgb(23, 227, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 227, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 227, 107);  
box-shadow:4px 4px 4px 4px rgb(23, 227,  
107) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.9546, -58.5930, 34.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 227, 107) }
```

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

```
.background{ background-color: rgb(23, 227,  
107) }
```

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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