

# Converting Colors

HunterLab(75.7140, -60.1205,  
37.9048)

Have a look what the booklet for  
HunterLab(75.7140, -60.1205,  
37.9048) contains.

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# Color

**HunterLab(75.6102,  
-59.9945, 37.7792)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24E55B
RGB	36, 229, 91
RGB Percent	14%, 90%, 36%
CMY	0.8588, 0.1019, 0.6431
CMYK	0.84, 0.00, 0.60, 0.10
HSL	137°, 79%, 52%
HSV	137°, 84%, 90%
XYZ	30.6352, 57.1690, 19.3176
YIQ	155.5610, -70.7300, -83.8340

# Conversions

## Conversions Part 2

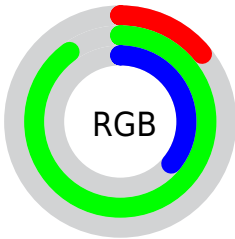
Format	Color
R <sub>Y</sub> B	36, 186, 229
Decimal	2418011
CIE Lab	80.28, -72.16, 53.61
CIE LCh	80, 89.893, 143.390
Yxy	57.1714, 0.2860, 0.5337
Android (android.graphics.Color)	4280608091 (0xFF24E55B)
YUV	155.5610, -31.8286, -104.8550
Hunter-Lab	75.6102, -59.9945, 37.7792

# Details

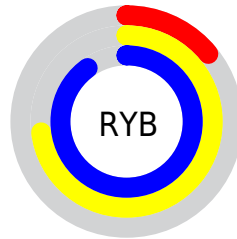
The HunterLab color **75.6102, -59.9945, 37.7792** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45.8004, 78.0258, -22.2530**, and the grayscale version is **57.6276, -3.0749, 3.1310**.

A 20% lighter version of the original color is **87.9863, -55.9033, 35.1868**, and **54.4301, -45.8779, 31.0043** is the 20% darker color. If you saturate the color by 10%, you get **75.2530, -61.8486, 40.0954**, and if you desaturate by 10%, it is **76.1822, -57.1875, 35.0349**.

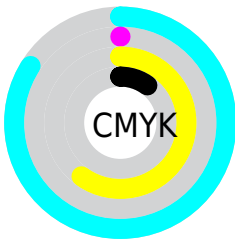
# Distribution



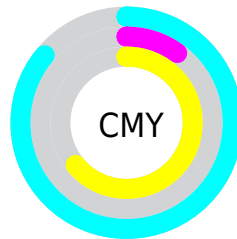
- Red (14%)
- Green (90%)
- Blue (36%)



- Red (14%)
- Yellow (73%)
- Blue (90%)



- Cyan (84%)
- Magenta (0%)
- Yellow (60%)
- Black (10%)



- Cyan (86%)
- Magenta (10%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.6102, -59.9945, 37.7792 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 75.6102, -59.9945, 37.7792 by changing the saturation by 10% instead.



■ 75.6102, -59.9945,  
37.7792

■ 75.6102, -59.9945,  
37.7792

203.4923,  
-95.8360, 66.4909

■ 64.1427, -55.2770,  
34.0649

■ 100.3570,  
-68.8217, 44.7773

■ 53.3205, -50.2951,  
30.1697

■ 113.5779,  
-72.9937, 48.1032

■ 43.1863, -44.9850,  
26.0598

■ 127.3332,  
-77.0366, 51.3361

■ 33.7906, -39.2565,  
21.6988

■ 141.6029,  
-80.9680, 54.4890

■ 25.1968, -32.9804,  
17.6377

■ 156.3691,  
-84.8026, 57.5725

■ 17.4880, -26.8073,  
12.2416

171.6157,

■ 10.7808, -18.8663,

-88.5523, 60.5958

7.5465

187.3279,  
-92.2273, 63.5665

■ 1.7476, -3.0584,  
1.2233

0.0000, NaN, NaN

■ 75.6102, -59.9945,  
37.7792

■ 75.6102, -59.9945,  
37.7792

■ 75.2530, -61.8486,  
40.0954


■ 76.1822, -57.1875,  
35.0349


■ 75.1169, -62.5845,  
41.2124


■ 76.9902, -53.3415,  
31.8854


■ 78.0535, -48.4236,  
28.3646


■ 79.3831, -42.4414,  
24.5146

 80.9847, -35.4361,  
20.3840

 82.8591, -27.4752,  
16.0250

 85.0033, -18.6449,  
11.4901

 87.4110, -9.0424,  
6.8299

 90.0733, 1.2313,  
2.0906

# Harmonies

## Analogous

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



75.6118, -34.3692, 46.7179



75.6102, -59.9945, 37.7792



75.6118, -70.3085, 12.6870

# Triad

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



75.6118, -59.9954, 37.7796



75.6118, -13.3972, -124.6367



75.6118, 88.6967, 29.3149

# Complementary

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



75.6102, -59.9945, 37.7792



45.8004, 78.0258, -22.2530

# 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.



75.6118, 97.8700, -5.5935



75.6102, -59.9945, 37.7792



75.6118, 31.9843, -110.8426

# Square

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



75.6118, -59.9954, 37.7796



75.6118, -47.6085, -91.2245



75.6118, 75.1905, -60.0958



75.6118, 52.3765, 44.1107



# Rectangle

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



75.6102, -59.9945, 37.7792



75.6118, -69.2479, -16.6488



75.6118, 75.1905, -60.0958



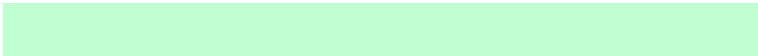
75.6118, 95.3511, 20.2739

# Sweetspot

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



75.6118, -59.9954, 37.7796



93.4093, -31.8611, 18.5403



80.7488, -39.9211, 47.8325



42.8573, -16.2510, 9.3917

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.6118, -59.9954, 37.7796



84.8508, -70.7541, 46.6816



77.4673, -48.6125, 10.8213



40.1950, -6.5824, 4.3194



56.8137, -47.2231, 30.9290



15.4946, -12.5223, 7.6651



# Inverse Universe

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



45.8004, 78.0258, -22.2530



49.6499, 91.8568, -20.8611



42.9745, 67.3222, 17.7617



38.1333, 2.5952, -0.0556



33.2762, 61.6409, -14.5773

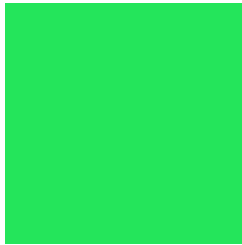


9.1326, 17.0660, -5.1534



# Previews

## White Background



This preview shows how the HunterLab color 75.6102, -59.9945, 37.7792 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

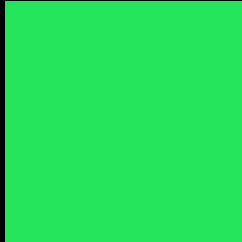
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.6102, -59.9945, 37.7792 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 75.6102, -59.9945, 37.7792 Background



This preview shows how black text looks on a background with the HunterLab color 75.6102, -59.9945, 37.7792.



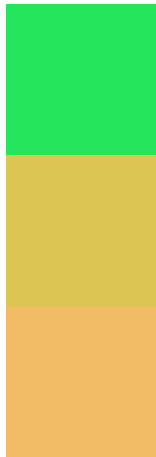
This preview shows how white text looks on a background with the HunterLab color 75.6102,

-59.9945, 37.7792.

# 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

75.6102, -59.9945, 37.7792

### Protanopia

74.6708, -8.7483, 39.5203

### Deuteranopia

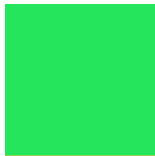
74.7148, 5.5450, 35.9531



## Tritanopia

75.4413, -28.6487, -14.0144

# Trichromacy



## Original Color

75.6102, -59.9945, 37.7792



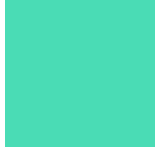
## Protanomaly

72.8211, -35.3276, 37.2562



## Deuteranomaly

71.9918, -27.9373, 34.1502



## Tritanomaly

74.8187, -43.2375, 10.7033

# Monochromacy



## Original Color

75.6102, -59.9945, 37.7792



## Achromatopsia

57.6586, -3.0765, 3.1327



## Achromatomaly

62.4321, -29.8289, 17.2170

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.6102, -59.9945, 37.7792 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(36, 229, 91)` looks like.

```
.text, #text, p{  
    color:rgb(36, 229, 91)  
}
```

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(36, 229, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 229, 91) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.6102, -59.9945, 37.7792 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(36, 229, 91) }
```



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

```
.border{ border-color:rgb(36, 229, 91) }
```

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

Here you see how a box with a 4 pixel rgb(36, 229, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 229, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 229, 91);  
box-shadow:4px 4px 4px 4px rgb(36, 229,  
91) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.6102, -59.9945, 37.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 229, 91) }
```

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

```
.background{ background-color: rgb(36, 229,  
91) }
```

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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