

# Converting Colors

HunterLab(65.1926, -47.6312,  
37.1155)

Have a look what the booklet for  
HunterLab(65.1926, -47.6312,  
37.1155) contains.

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# Color

**HunterLab(65.1280,  
-47.5519, 37.0390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53C62D
RGB	83, 198, 45
RGB Percent	33%, 78%, 18%
CMY	0.6745, 0.2235, 0.8235
CMYK	0.58, 0.00, 0.77, 0.22
HSL	105°, 63%, 48%
HSV	105°, 77%, 78%
XYZ	24.2349, 42.4166, 9.3925
YIQ	146.1730, -19.4270, -71.9630

# Conversions

## Conversions Part 2

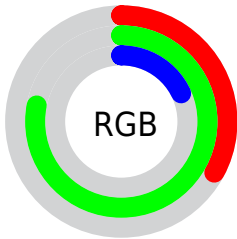
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 198, 160
Decimal	5490221
CIELab	71.16, -58.62, 61.90
CIELCh	71, 85.253, 133.441
Yxy	42.4184, 0.3187, 0.5578
Android (android.graphics.Color)	4283680301 (0xFF53C62D)
YUV	146.1730, -49.8783, -55.4027
Hunter-Lab	65.1280, -47.5519, 37.0390

# Details

The HunterLab color **65.1280, -47.5519, 37.0390** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **36.6461, 60.7181, -62.7980**, and the grayscale version is **53.8841, -2.8751, 2.9276**.

A 20% lighter version of the original color is **88.5486, -54.8537, 45.1861**, and **44.3226, -38.0066, 26.6460** is the 20% darker color. If you saturate the color by 10%, you get **64.5709, -50.0686, 38.0565**, and if you desaturate by 10%, it is **65.8479, -44.2982, 35.3230**.

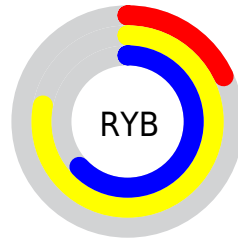
# Distribution



Red (33%)

Green (78%)

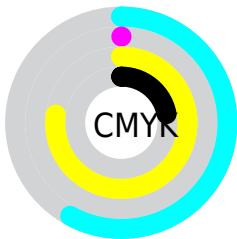
Blue (18%)



Red (18%)

Yellow (78%)

Blue (63%)

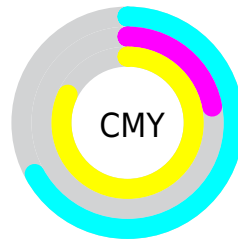


Cyan (58%)

Magenta (0%)

Yellow (77%)

Black (22%)



Cyan (67%)

Magenta (22%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.1280, -47.5519, 37.0390 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 65.1280, -47.5519, 37.0390 by changing the saturation by 10% instead.



■ 65.1280, -47.5519,  
37.0390

■ 65.1280, -47.5519,  
37.0390

188.7364,  
-78.3093, 70.3516

■ 54.2485, -43.4912,  
32.6203

■ 88.7876, -55.1253,  
45.2981

■ 44.0518, -39.1836,  
27.9693

■ 101.5017,  
-58.6998, 49.1904

■ 34.5886, -34.5594,  
23.1260

■ 114.7706,  
-62.1637, 52.9537

■ 25.9210, -29.5146,  
18.1447

■ 128.5721,  
-65.5337, 56.6051

■ 18.1300, -23.8973,  
12.6910

■ 142.8863,  
-68.8232, 60.1592

■ 11.3284, -19.8247,  
7.9299

■ 157.6955,

■ 3.5811, -6.2669,

-72.0432, 63.6284

2.5068

172.9838,  
-75.2027, 67.0229

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.1280, -47.5519,  
37.0390

■ 65.1280, -47.5519,  
37.0390

■ 64.5709, -50.0686,  
38.0565

■ 65.8479, -44.2982,  
35.3230

■ 64.1599, -51.8941,  
38.4831

■ 66.7344, -40.2888,  
32.8529


■ 64.0680, -52.3021,  
38.5628


■ 67.7936, -35.5314,  
29.6030


■ 69.0279, -30.0507,  
25.5705

■ 70.4371, -23.8854,

20.7721

 72.0194, -17.0848,  
15.2393

 73.7714, -9.7048,  
9.0144

 75.6883, -1.8048,  
2.1476

 77.7644, 6.5552,  
-5.3072

# Harmonies

## Analogous

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



65.1294, -20.0586, 41.8045



65.1280, -47.5519, 37.0390



65.1294, -61.0371, 20.8196

# Triad

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



65.1294, -47.5530, 37.0393



65.1294, -23.5608, -109.1077



65.1294, 87.0223, 18.0821

# Complementary

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



65.1280, -47.5519, 37.0390



36.6461, 60.7181, -62.7980

# 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.



65.1294, 85.4482, -20.3241



65.1280, -47.5519, 37.0390



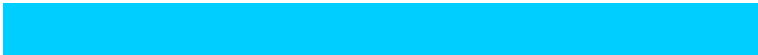
65.1294, 14.9462, -111.5213

# Square

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



65.1294, -47.5530, 37.0393



65.1294, -49.5927, -67.3509



65.1294, 56.7382, -72.7537



65.1294, 60.6344, 36.0516

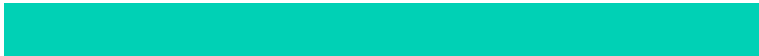


# Rectangle

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



65.1280, -47.5519, 37.0390



65.1294, -62.8432, -0.8984



65.1294, 56.7382, -72.7537



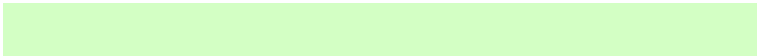
65.1294, 89.9044, 7.6961

# Sweetspot

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



65.1294, -47.5530, 37.0393



94.5292, -28.3293, 24.8654



61.0347, -0.6731, 35.1852



43.3876, -14.6016, 12.7059

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.1294, -47.5530, 37.0393



85.5162, -68.4406, 51.1042



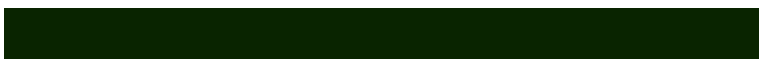
64.4798, -49.5875, 31.2914



34.6597, -5.3421, 4.9053



51.6984, -42.0359, 31.1204



11.4056, -8.4913, 6.8794



# Inverse Universe

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



36.6461, 60.7181, -62.7980



44.0435, 89.3221, -98.6550



40.5130, 63.7143, -22.4280



32.6786, 1.8923, -1.4528



26.1504, 54.9225, -61.6996



5.9692, 12.3257, -12.4466



# Previews

## White Background



This preview shows how the HunterLab color 65.1280, -47.5519, 37.0390 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 65.1280, -47.5519, 37.0390 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 65.1280, -47.5519, 37.0390 Background



This preview shows how black text looks on a background with the HunterLab color 65.1280, -47.5519, 37.0390.



This preview shows how white text looks on a background with the HunterLab color 65.1280, -47.5519, 37.0390.

-47.5519, 37.0390.

# 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

65.1280, -47.5519, 37.0390

### Protanopia

64.4228, -8.6760, 37.7786

### Deuteranopia

64.4019, 4.8425, 35.8333



## Tritanopia

65.0632, -19.2985, -9.4846

# Trichromacy



## Original Color

65.1280, -47.5519, 37.0390



## Protanomaly

63.6286, -25.9145, 36.7992



## Deuteranomaly

62.9693, -18.4554, 35.0751



## Tritanomaly

64.5251, -33.1068, 15.3022

# Monochromacy



## Original Color

65.1280, -47.5519, 37.0390



## Achromatopsia

53.6135, -2.8607, 2.9129



## Achromatomaly

56.7674, -22.6701, 19.4720

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.1280, -47.5519, 37.0390 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(83, 198, 45)` looks like.

```
.text, #text, p{  
    color:rgb(83, 198, 45)  
}
```

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(83, 198, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 198, 45) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.1280, -47.5519, 37.0390 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(83, 198, 45) }
```



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

```
.border{ border-color:rgb(83, 198, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 198, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 198, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 198, 45);  
box-shadow:4px 4px 4px 4px rgb(83, 198,  
45) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.1280, -47.5519, 37.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 198, 45) }
```

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

```
.background{ background-color: rgb(83, 198,  
45) }
```

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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