

# Converting Colors

HunterLab(64.5249, -41.2235,  
28.1679)

Have a look what the booklet for  
HunterLab(64.5249, -41.2235,  
28.1679) contains.

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# Color

**HunterLab(64.6218,  
-41.3875, 28.2646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5CC263
RGB	92, 194, 99
RGB Percent	36%, 76%, 39%
CMY	0.6392, 0.2392, 0.6118
CMYK	0.53, 0.00, 0.49, 0.24
HSL	124°, 46%, 56%
HSV	124°, 53%, 76%
XYZ	25.9576, 41.7598, 18.4968
YIQ	152.6720, -30.2970, -51.1690

# Conversions

## Conversions Part 2

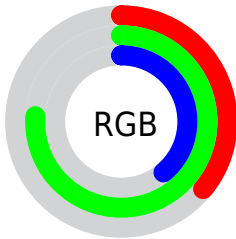
Format	Color
<a href="#">RYB</a>	<a href="#">92, 187, 194</a>
Decimal	<a href="#">6079075</a>
CIELab	<a href="#">70.71, -49.33, 38.72</a>
CIELCh	<a href="#">71, 62.715, 141.868</a>
Yxy	<a href="#">41.7615, 0.3011, 0.4844</a>
Android (android.graphics.Color)	<a href="#">4284269155 (0xFF5CC263)</a>
YUV	<a href="#">152.6720, -26.4603, -53.2093</a>
Hunter-Lab	<a href="#">64.6218, -41.3875, 28.2646</a>

# Details

The HunterLab color **64.6218, -41.3875, 28.2646** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **47.6573, 47.8647, -28.2863**, and the grayscale version is **56.4208, -3.0105, 3.0654**.

A 20% lighter version of the original color is **88.1012, -47.8536, 33.7463**, and **43.4817, -34.1669, 22.2329** is the 20% darker color. If you saturate the color by 10%, you get **63.7019, -45.6486, 31.2202**, and if you desaturate by 10%, it is **65.7852, -36.1272, 24.7162**.

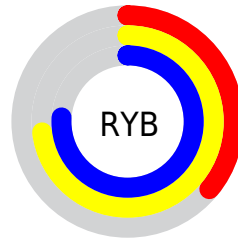
# Distribution



Red (36%)

Green (76%)

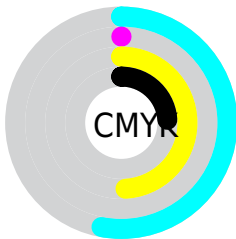
Blue (39%)



Red (36%)

Yellow (73%)

Blue (76%)

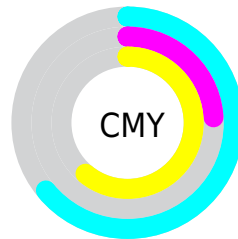


Cyan (53%)

Magenta (0%)

Yellow (49%)

Black (24%)



Cyan (64%)

Magenta (24%)


Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6218, -41.3875, 28.2646 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 64.6218, -41.3875, 28.2646 by changing the saturation by 10% instead.





 64.6218, -41.3875,  
28.2646


 64.6218, -41.3875,  
28.2646


188.0142,  
-68.0935, 50.8834


 53.7723, -37.9175,  
25.3632


 88.2262, -47.8942,  
33.7289


 43.6076, -34.2497,  
22.3101


 100.9146,  
-50.9812, 36.3320

 34.1789, -30.3263,  
19.0654


 114.1589,  
-53.9824, 38.8689

 25.5490, -26.0588,  
15.5771

 127.9367,  
-56.9113, 41.3507

 17.8001, -21.3066,  
12.4601

142.2282,  
-59.7788, 43.7865

 11.0467, -19.3316,  
7.7327

157.0154,

 2.7960, -4.8931,

-62.5937, 46.1833

1.9572

172.2823,  
-65.3632, 48.5473

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6218, -41.3875,  
28.2646

■ 64.6218, -41.3875,  
28.2646

■ 63.7019, -45.6486,  
31.2202

■ 65.7852, -36.1272,  
24.7162

■ 63.0119, -48.8987,  
33.5652

■ 67.1922, -29.9066,  
20.6084

■ 62.5379, -51.1700,  
35.3054

■ 68.8442, -22.7946,  
15.9900

■ 62.2573, -52.5403,  
36.4710


■ 70.7375, -14.8763,  
10.9183


■ 62.1411, -53.1143,


■ 72.8653, -6.2470,


36.9876

5.4550

 75.2190, 2.9953,  
-0.3382

 77.7880, 12.7551,  
-6.4025

 80.5611, 22.9438,  
-12.6841

 81.8934, 27.9703,  
-17.5431

# Harmonies

## Analogous

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



64.6231, -22.7516, 35.7356



64.6218, -41.3875, 28.2646



64.6231, -49.5170, 10.5126

# Triad

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



64.6231, -41.3885, 28.2650



64.6231, -11.0752, -73.0335



64.6231, 56.1624, 20.1774

# Complementary

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



64.6218, -41.3875, 28.2646



47.6573, 47.8647, -28.2863

# 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.



64.6231, 60.7671, -4.3589



64.6218, -41.3875, 28.2646



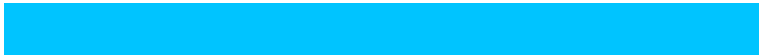
64.6231, 18.4184, -66.6422

# Square

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



64.6231, -41.3885, 28.2650



64.6231, -34.1234, -52.9098



64.6231, 45.9466, -38.0263



64.6231, 34.2830, 32.6881



# Rectangle

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



64.6218, -41.3875, 28.2646



64.6231, -49.0815, -8.2388



64.6231, 45.9466, -38.0263



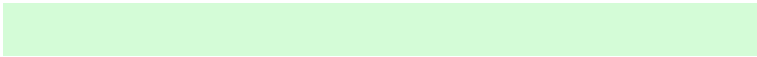
64.6231, 59.9188, 13.4108

# Sweetspot

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



64.6231, -41.3885, 28.2650



94.2375, -24.0590, 17.2708



70.6742, -18.1881, 34.7364



43.8483, -12.3098, 8.7551

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.6231, -41.3885, 28.2650



85.5911, -62.1464, 42.5206



65.6173, -35.4092, 13.8166



33.5705, -5.7264, 4.3277



50.3903, -43.0380, 29.9233



10.4931, -8.8281, 5.9420



# Inverse Universe

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



47.6573, 47.8647, -28.2863



59.2136, 77.8947, -45.8934



45.7248, 39.1824, -1.4391



31.9925, 2.4102, -0.8580



31.1939, 60.4404, -34.2602



6.5122, 12.6612, -7.4891



# Previews

## White Background



This preview shows how the HunterLab color 64.6218, -41.3875, 28.2646 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 64.6218, -41.3875, 28.2646 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

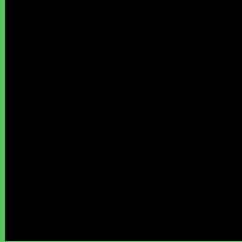
Any Text WCAG AA ✓ Pass

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 64.6218, -41.3875, 28.2646 Background



This preview shows how black text looks on a background with the HunterLab color 64.6218, -41.3875, 28.2646.



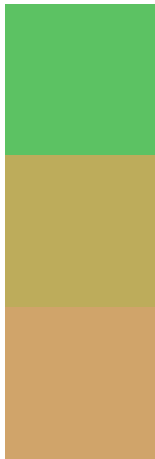
This preview shows how white text looks on a background with the HunterLab color 64.6218,

-41.3875, 28.2646.

# 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

64.6218, -41.3875, 28.2646

### Protanopia

64.0931, -7.3708, 30.2090

### Deuteranopia

64.0324, 4.7165, 26.9132



## Tritanopia

64.4896, -18.2038, -9.6991

# Trichromacy



## Original Color

64.6218, -41.3875, 28.2646



## Protanomaly

63.4986, -22.1008, 28.8528



## Deuteranomaly

63.0446, -15.4671, 26.5092



## Tritanomaly

64.2457, -28.0908, 7.5504

# Monochromacy



## Original Color

64.6218, -41.3875, 28.2646



## Achromatopsia

56.4399, -3.0115, 3.0665



## Achromatomaly

58.7571, -18.9893, 13.4819

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.6218, -41.3875, 28.2646 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(92, 194, 99)` looks like.

```
.text, #text, p{  
    color:rgb(92, 194, 99)  
}
```

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(92, 194, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 194, 99) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.6218, -41.3875, 28.2646 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(92, 194, 99) }
```



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

```
.border{ border-color:rgb(92, 194, 99) }
```

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

Here you see how a box with a 4 pixel rgb(92, 194, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 194, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 194, 99);  
box-shadow:4px 4px 4px 4px rgb(92, 194,  
99) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.6218, -41.3875, 28.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 194, 99) }
```

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

```
.background{ background-color: rgb(92, 194,  
99) }
```

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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