

Converting Colors

HunterLab(64.8307, -49.5775,
35.3055)

Have a look what the booklet for
HunterLab(64.8307, -49.5775,
35.3055) contains.

HunterLab(65.0020, -49.6954, 35.4099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(65.0020,
-49.6954, 35.4099)**

Conversions

Conversions Part 1

Format	Color
Hex	40C73B
RGB	64, 199, 59
RGB Percent	25%, 78%, 23%
CMY	0.7490, 0.2196, 0.7686
CMYK	0.68, 0.00, 0.70, 0.22
HSL	118°, 56%, 51%
HSV	118°, 70%, 78%
XYZ	23.3272, 42.2526, 11.0637
YIQ	142.6750, -35.5200, -72.1600

Conversions

Conversions Part 2

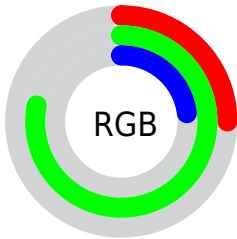
Format	Color
RYB	59, 199, 194
Decimal	4245307
CIELab	71.05, -62.15, 56.75
CIELCh	71, 84.157, 137.599
Yxy	42.2544, 0.3044, 0.5513
Android (android.graphics.Color)	4282435387 (0xFF40C73B)
YUV	142.6750, -41.2518, -68.9980
Hunter-Lab	65.0020, -49.6954, 35.4099

Details

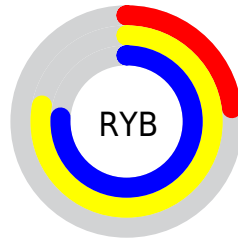
The HunterLab color **65.0020, -49.6954, 35.4099** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **43.2694, 65.0488, -46.2405**, and the grayscale version is **52.4509, -2.7986, 2.8498**.

A 20% lighter version of the original color is **87.9784, -56.8780, 42.4877**, and **44.6615, -38.2973, 26.8498** is the 20% darker color. If you saturate the color by 10%, you get **64.4588, -52.2510, 37.0306**, and if you desaturate by 10%, it is **65.7718, -46.1229, 33.0691**.

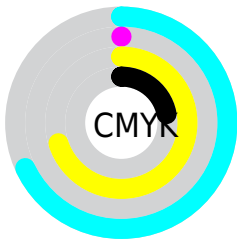
Distribution



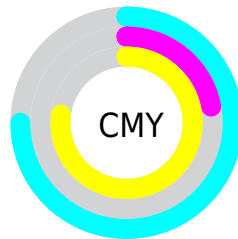
- Red (25%)
- Green (78%)
- Blue (23%)



- Red (23%)
- Yellow (78%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (70%)
- Black (22%)





- Cyan (75%)
- Magenta (22%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.0020, -49.6954, 35.4099 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 65.0020, -49.6954, 35.4099 by changing the saturation by 10% instead.


 65.0020, -49.6954,
35.4099


 65.0020, -49.6954,
35.4099


188.5567,
-82.0330, 66.3142


 54.1300, -45.4014,
31.3238


 88.6479, -57.6876,
43.0467


 43.9412, -40.8402,
27.0163


 101.3556,
-61.4529, 46.6494


 34.4866, -35.9372,
22.4553


 114.6184,
-65.0974, 50.1361

 25.8283, -30.5816,
18.0798

 128.4140,
-68.6392, 53.5232

 18.0478, -24.6856,
12.6334

 142.7225,
-72.0928, 56.8241

 11.2581, -19.7017,
7.8807

157.5263,

 3.4028, -5.9549,

-75.4700, 60.0502

2.3820

172.8092,
-78.7807, 63.2109

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.0020, -49.6954,
35.4099

■ 65.0020, -49.6954,
35.4099

■ 64.4588, -52.2510,
37.0306

■ 65.7718, -46.1229,
33.0691

■ 64.1178, -53.8550,
37.9881

■ 66.7778, -41.5084,
29.9841


■ 63.9487, -54.6518,
38.4481


■ 68.0292, -35.8695,
26.1613

■ 69.5291, -29.2550,
21.6308


■ 71.2764, -21.7378,

16.4413

 73.2665, -13.4072,
10.6536

 75.4923, -4.3609,
4.3360

 77.9443, 5.3017,
-2.4416

 80.6120, 15.4847,
-9.6109

Harmonies

Analogous

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



65.0034, -24.4221, 41.2697



65.0020, -49.6954, 35.4099



65.0034, -61.2325, 16.9465

Triad

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



65.0034, -49.6964, 35.4102



65.0034, -18.6537, -110.0626



65.0034, 83.4671, 21.4682

Complementary

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



65.0020, -49.6954, 35.4099



43.2694, 65.0488, -46.2405

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.



65.0034, 86.0443, -13.5213



65.0020, -49.6954, 35.4099



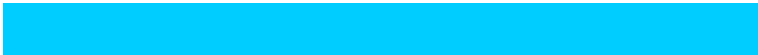
65.0034, 20.5216, -106.1276

Square

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



65.0034, -49.6964, 35.4102



65.0034, -46.3262, -73.1570



65.0034, 60.9060, -64.3336



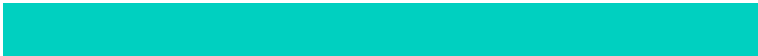
65.0034, 54.5200, 37.0615

Rectangle

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



65.0020, -49.6954, 35.4099



65.0034, -61.8883, -6.5060



65.0034, 60.9060, -64.3336



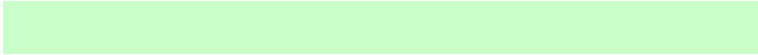
65.0034, 87.6534, 12.1982

Sweetspot

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



65.0034, -49.6964, 35.4102



94.0774, -29.7649, 22.4485



70.8233, -15.0760, 39.9127



43.2137, -15.0990, 11.3044

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.0034, -49.6964, 35.4102



85.0400, -70.3237, 49.7202



65.7143, -45.0790, 23.0901



34.5045, -5.8989, 4.7263



51.2865, -43.7898, 30.8359



11.1888, -9.4055, 6.7298

Inverse Universe

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



43.2694, 65.0488, -46.2405



53.5079, 97.5761, -70.1515



41.2901, 55.5436, -7.0337



32.8582, 2.4954, -1.2134



31.3966, 62.2127, -45.1763



6.8769, 13.6025, -9.7082

Previews

White Background



This preview shows how the HunterLab color 65.0020, -49.6954, 35.4099 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 65.0020, -49.6954, 35.4099 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 65.0020, -49.6954, 35.4099 Background



This preview shows how black text looks on a background with the HunterLab color 65.0020, -49.6954, 35.4099.



This preview shows how white text looks on a background with the HunterLab color 65.0020, -49.6954, 35.4099.

-49.6954, 35.4099.

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

65.0020, -49.6954, 35.4099

Protanopia

64.3992, -8.6025, 36.5408

Deuteranopia

64.2666, 4.5890, 34.1815



Tritanopia

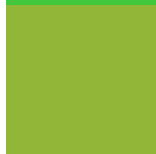
64.8415, -21.6451, -10.9512

Trichromacy



Original Color

65.0020, -49.6954, 35.4099



Protanomaly

63.1211, -27.6848, 35.0152



Deuteranomaly

62.6262, -21.1434, 33.1925



Tritanomaly

64.3877, -35.0935, 12.8784

Monochromacy



Original Color

65.0020, -49.6954, 35.4099



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

55.6252, -23.6620, 17.5226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0020, -49.6954, 35.4099 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(64, 199, 59)` looks like.

```
.text, #text, p{  
    color:rgb(64, 199, 59)  
}
```

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(64, 199, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 199, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0020, -49.6954, 35.4099 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(64, 199, 59) }
```


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

```
.border{ border-color:rgb(64, 199, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 199, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 199, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 199, 59);  
box-shadow:4px 4px 4px 4px rgb(64, 199,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0020, -49.6954, 35.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 199, 59) }
```

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

```
.background{ background-color: rgb(64, 199,  
59) }
```

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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