

Converting Colors

HunterLab(65.6125, -51.1086,
32.2122)

Have a look what the booklet for
HunterLab(65.6125, -51.1086,
32.2122) contains.

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Color

**HunterLab(65.4591,
-50.9540, 32.0312)**

Conversions

Conversions Part 1

Format	Color
Hex	28C953
RGB	40, 201, 83
RGB Percent	16%, 79%, 33%
CMY	0.8431, 0.2118, 0.6745
CMYK	0.80, 0.00, 0.59, 0.21
HSL	136°, 67%, 47%
HSV	136°, 80%, 79%
XYZ	23.3230, 42.8489, 15.2250
YIQ	139.4090, -58.0780, -70.8300

Conversions

Conversions Part 2

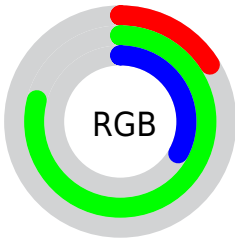
Format	Color
RYB	40, 167, 201
Decimal	2672979
CIELab	71.45, -63.92, 46.97
CIELCh	71, 79.323, 143.690
Yxy	42.8507, 0.2865, 0.5264
Android (android.graphics.Color)	4280863059 (0xFF28C953)
YUV	139.4090, -27.8096, -87.1817
Hunter-Lab	65.4591, -50.9540, 32.0312

Details

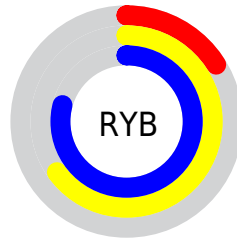
The HunterLab color **65.4591, -50.9540, 32.0312** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **40.5023, 65.8261, -21.2442**, and the grayscale version is **51.0999, -2.7266, 2.7764**.

A 20% lighter version of the original color is **87.6784, -57.4604, 37.2701**, and **45.1049, -37.9355, 25.5147** is the 20% darker color. If you saturate the color by 10%, you get **65.0718, -52.9078, 34.1481**, and if you desaturate by 10%, it is **66.0421, -48.1405, 29.5370**.

Distribution



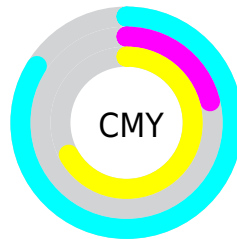
- Red (16%)
- Green (79%)
- Blue (33%)



- Red (16%)
- Yellow (65%)
- Blue (79%)



- Cyan (80%)
- Magenta (0%)
- Yellow (59%)
- Black (21%)





- Cyan (84%)
- Magenta (21%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.4591, -50.9540, 32.0312 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 65.4591, -50.9540, 32.0312 by changing the saturation by 10% instead.


 65.4591, -50.9540,
32.0312


 65.4591, -50.9540,
32.0312


189.2082,
-84.0464, 58.3622


 54.5600, -46.5530,
28.5968


 89.1546, -59.1418,
38.4693


 44.3425, -41.8775,
24.9760


 101.8854,
-62.9974, 41.5198


 34.8568, -36.8517,
21.1285


 115.1704,
-66.7281, 44.4819

 26.1647, -31.3638,
17.1654

 128.9873,
-70.3524, 47.3690

 18.3464, -25.3250,
12.8425

 143.3163,
-73.8852, 50.1923

 11.5136, -20.1487,
8.0595

158.1399,

 4.0114, -7.0200,

-77.3387, 52.9607

2.8080

173.4421,
-80.7230, 55.6819

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.4591, -50.9540,
32.0312

■ 65.4591, -50.9540,
32.0312

■ 65.0718, -52.9078,
34.1481

■ 66.0421, -48.1405,
29.5370

■ 64.8370, -54.1474,
35.8481


■ 66.8353, -44.4148,
26.6861


■ 67.8521, -39.7662,
23.5096


■ 69.0998, -34.2150,
20.0453


■ 70.5812, -27.8078,

16.3364

 72.2954, -20.6102,
12.4284

 74.2385, -12.7010,
8.3666

 76.4040, -4.1654,
4.1942

 78.7838, 4.9100,
-0.0496

Harmonies

Analogous

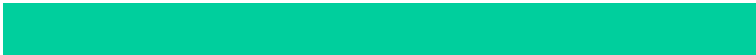
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4604, -29.3513, 39.9401



65.4591, -50.9540, 32.0312



65.4604, -59.6237, 10.4782

Triad

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



65.4604, -50.9548, 32.0315



65.4604, -11.0257, -103.4325



65.4604, 73.8739, 25.0951

Complementary

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



65.4591, -50.9540, 32.0312



40.5023, 65.8261, -21.2442

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.



65.4604, 81.7820, -4.1996



65.4591, -50.9540, 32.0312



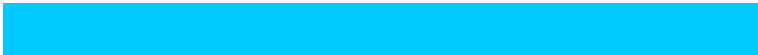
65.4604, 27.1220, -91.6596

Square

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



65.4604, -50.9548, 32.0315



65.4604, -40.0549, -76.1843



65.4604, 63.1228, -49.5118



65.4604, 43.4091, 37.7434

Rectangle

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



65.4591, -50.9540, 32.0312



65.4604, -58.6378, -14.2678



65.4604, 63.1228, -49.5118



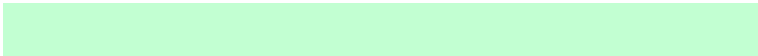
65.4604, 79.4999, 17.4638

Sweetspot

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



65.4604, -50.9548, 32.0315



93.6073, -31.0774, 18.4564



70.1458, -32.7116, 40.9539



42.9374, -15.9354, 9.3898

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.4604, -50.9548, 32.0315



84.9128, -70.4440, 46.3682



66.9971, -41.5453, 9.7100



34.5451, -5.6207, 3.7467



51.4240, -42.8550, 28.2361



11.2453, -8.9795, 5.3284

Inverse Universe

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



40.5023, 65.8261, -21.2442



50.1820, 92.1791, -24.7619



38.0520, 56.3442, 13.3293



32.8122, 2.1881, -0.0873



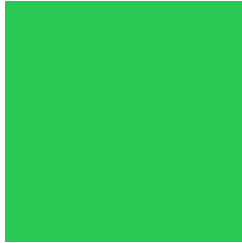
30.2561, 56.2651, -14.9501



6.6709, 12.5532, -4.4417

Previews

White Background



This preview shows how the HunterLab color 65.4591, -50.9540, 32.0312 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 65.4591, -50.9540, 32.0312 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 65.4591, -50.9540, 32.0312 Background



This preview shows how black text looks on a background with the HunterLab color 65.4591, -50.9540, 32.0312.



This preview shows how white text looks on a background with the HunterLab color 65.4591, -50.9540, 32.0312.

-50.9540, 32.0312.

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

65.4591, -50.9540, 32.0312

Protanopia

64.8980, -7.9581, 33.7692

Deuteranopia

64.5737, 4.7055, 30.3638



Tritanopia

65.4072, -24.3297, -11.9062

Trichromacy



Original Color

65.4591, -50.9540, 32.0312



Protanomaly

63.3636, -29.6638, 31.7807



Deuteranomaly

62.4112, -23.0803, 29.0749



Tritanomaly

64.7920, -36.4097, 8.8536

Monochromacy



Original Color

65.4591, -50.9540, 32.0312



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.8235, -24.8203, 14.4728

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.4591, -50.9540, 32.0312 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(40, 201, 83)` looks like.

```
.text, #text, p{  
    color:rgb(40, 201, 83)  
}
```

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(40, 201, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 201, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 65.4591, -50.9540, 32.0312 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(40, 201, 83) }
```


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

```
.border{ border-color:rgb(40, 201, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 201, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 201, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 201, 83);  
box-shadow:4px 4px 4px 4px rgb(40, 201,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.4591, -50.9540, 32.0312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 201, 83) }
```

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

```
.background{ background-color: rgb(40, 201,  
83) }
```

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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