

Converting Colors

HunterLab(61.7622, -63.3299,
21.4510)

Have a look what the booklet for
HunterLab(61.7622, -63.3299,
21.4510) contains.

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Color

**HunterLab(65.2276,
-49.1580, 24.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	00C873
RGB	0, 200, 115
RGB Percent	0%, 78%, 45%
CMY	1.0000, 0.2157, 0.5490
CMYK	1.00, 0.00, 0.42, 0.22
HSL	154°, 100%, 39%
HSV	154°, 100%, 78%
XYZ	23.7488, 42.5464, 23.1803
YIQ	130.5100, -91.9150, -68.8350

Conversions

Conversions Part 2

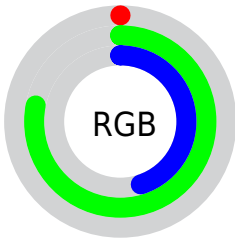
Format	Color
RYB	0, 127, 200
Decimal	51315
CIELab	71.25, -61.14, 31.00
CIELCh	71, 68.549, 153.110
Yxy	42.5481, 0.2654, 0.4755
Android (android.graphics.Color)	4278241395 (0xFF00C873)
YUV	130.5100, -7.6464, -114.4573
Hunter-Lab	65.2276, -49.1580, 24.5891

Details

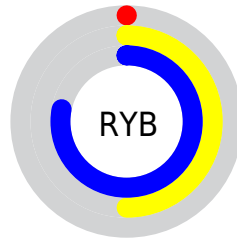
The HunterLab color **65.2276, -49.1580, 24.5891** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **35.9669, 63.4167, 9.1011**, and the grayscale version is **47.5053, -2.5348, 2.5811**.

A 20% lighter version of the original color is **87.7818, -55.8429, 28.0915**, and **45.0868, -35.6399, 20.5819** is the 20% darker color. If you saturate the color by 10%, you get **65.2288, -49.1594, 24.5908**, and if you desaturate by 10%, it is **65.4994, -47.7184, 22.4127**.

Distribution



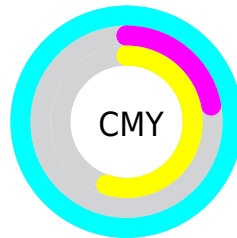
- Red (0%)
- Green (78%)
- Blue (45%)



- Red (0%)
- Yellow (50%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.2276, -49.1580, 24.5891 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 65.2276, -49.1580, 24.5891 by changing the saturation by 10% instead.


 65.2276, -49.1580,
24.5891


 65.2276, -49.1580,
24.5891


188.8783,
-81.0264, 43.7540


 54.3422, -44.9345,
22.1965


 88.8980, -57.0240,
29.1363

 44.1392, -40.4510,
19.6934


 101.6171,
-60.7324, 31.3216


 34.6692, -35.6343,
17.0465


 114.8908,
-64.3232, 33.4632

 25.9942, -30.3765,
14.2079

 128.6969,
-67.8142, 35.5693

 18.1950, -24.5501,
11.4539

 143.0156,
-71.2194, 37.6466

 11.3840, -19.9220,
7.9688

157.8292,

 3.7158, -6.5026,

-74.5504, 39.7003

2.6010

173.1216,
-77.8167, 41.7349

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.2276, -49.1580,
24.5891

■ 65.2276, -49.1580,
24.5891

■ 65.2288, -49.1594,
24.5908

■ 65.4994, -47.7184,
22.4127

■ 65.8996, -45.7231,
20.1651

■ 66.4677, -43.0302,
17.8978

■ 67.2207, -39.5941,
15.6470

■ 68.1703, -35.4001,

13.4463

■ 69.3236, -30.4585,
11.3263

■ 70.6842, -24.8007,
9.3142

■ 72.2526, -18.4735,
7.4327

■ 74.0265, -11.5353,
5.6998

Harmonies

Analogous

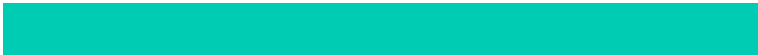
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.2289, -33.3592, 35.7068



65.2276, -49.1580, 24.5891



65.2289, -53.5804, 0.3490

Triad

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



65.2289, -49.1586, 24.5895



65.2289, -0.1677, -84.0564



65.2289, 55.3395, 27.8189

Complementary

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



65.2276, -49.1580, 24.5891



35.9669, 63.4167, 9.1011

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.



65.2289, 68.6096, 6.5977



65.2276, -49.1580, 24.5891



65.2289, 32.9745, -65.4171

Square

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



65.2289, -49.1586, 24.5895



65.2289, -28.6597, -71.4879



65.2289, 59.7400, -28.2206



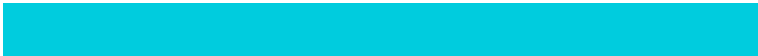
65.2289, 26.2046, 36.8538

Rectangle

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



65.2276, -49.1580, 24.5891



65.2289, -50.3343, -23.3277



65.2289, 59.7400, -28.2206



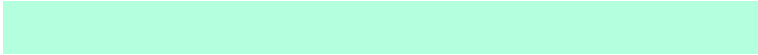
65.2289, 62.0295, 22.3457

Sweetspot

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



65.2289, -49.1586, 24.5895



92.9216, -32.9757, 12.3675



65.8185, -48.5884, 39.7062



42.6224, -16.7730, 6.2380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.2289, -49.1586, 24.5895



85.7990, -64.8570, 32.7664



62.9058, -30.2744, -13.2724



34.6243, -5.1788, 2.6144



52.0295, -39.0903, 19.3524



11.3845, -8.1189, 3.2968

Inverse Universe

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



35.9669, 63.4167, 9.1011



47.2767, 83.2700, 12.6635



35.4635, 58.5820, 22.8775



32.7269, 1.7307, 1.1257



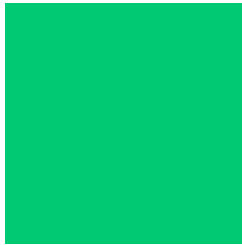
28.7086, 50.6768, 6.8270



6.3614, 11.4441, -0.1525

Previews

White Background



This preview shows how the HunterLab color 65.2276, -49.1580, 24.5891 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 65.2276, -49.1580, 24.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

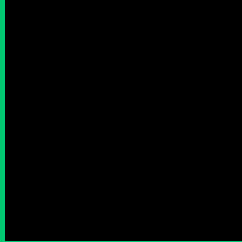
Any Text WCAG AA ✓ Pass

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 65.2276, -49.1580, 24.5891 Background



This preview shows how black text looks on a background with the HunterLab color 65.2276, -49.1580, 24.5891.



This preview shows how white text looks on a background with the HunterLab color 65.2276, -49.1580, 24.5891.

-49.1580, 24.5891.

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

65.2276, -49.1580, 24.5891

Protanopia

64.5956, -6.7096, 27.4191

Deuteranopia

64.6717, 4.5838, 22.7511



Tritanopia

65.3380, -26.2172, -12.6093

Trichromacy



Original Color

65.2276, -49.1580, 24.5891



Protanomaly

62.4213, -30.7711, 24.1828



Deuteranomaly

61.6621, -24.9127, 20.4740



Tritanomaly

64.9357, -36.9152, 3.7305

Monochromacy



Original Color

65.2276, -49.1580, 24.5891



Achromatopsia

47.6409, -2.5420, 2.5884



Achromatomaly

52.0544, -25.4024, 9.5320

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.2276, -49.1580, 24.5891 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(0, 200, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 115)  
}
```

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(0, 200, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 65.2276, -49.1580, 24.5891 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(0, 200, 115) }
```


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

```
.border{ border-color:rgb(0, 200, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.2276, -49.1580, 24.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 115) }
```

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

```
.background{ background-color: rgb(0, 200,  
115) }
```

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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