

Converting Colors

HunterLab(68.7513, -51.4004,
29.7511)

Have a look what the booklet for
HunterLab(68.7513, -51.4004,
29.7511) contains.

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Color

**HunterLab(68.7185,
-51.3478, 29.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	2ED16A
RGB	46, 209, 106
RGB Percent	18%, 82%, 42%
CMY	0.8196, 0.1804, 0.5843
CMYK	0.78, 0.00, 0.49, 0.18
HSL	142°, 64%, 50%
HSV	142°, 78%, 82%
XYZ	26.5286, 47.2223, 21.3523
YIQ	148.5210, -64.0850, -66.5890

Conversions

Conversions Part 2

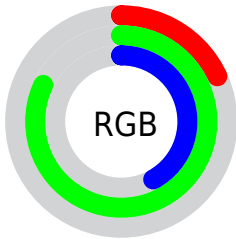
Format	Color
RYB	46, 165, 209
Decimal	3068266
CIELab	74.33, -62.60, 39.55
CIELCh	74, 74.047, 147.717
Yxy	47.2242, 0.2789, 0.4965
Android (android.graphics.Color)	4281258346 (0xFF2ED16A)
YUV	148.5210, -20.9629, -89.9109
Hunter-Lab	68.7185, -51.3478, 29.6803

Details

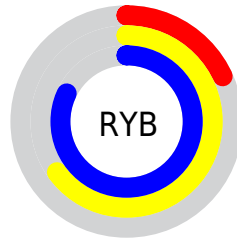
The HunterLab color **68.7185, -51.3478, 29.6803** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **42.0476, 65.2243, -13.0439**, and the grayscale version is **54.7303, -2.9203, 2.9736**.

A 20% lighter version of the original color is **88.2467, -54.3279, 31.3883**, and **48.0291, -39.0627, 24.2929** is the 20% darker color. If you saturate the color by 10%, you get **68.2623, -53.6376, 32.1702**, and if you desaturate by 10%, it is **69.3754, -48.2018, 26.9329**.

Distribution



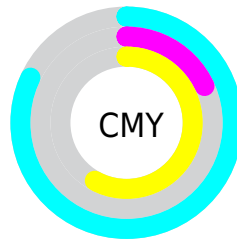
- Red (18%)
- Green (82%)
- Blue (42%)



- Red (18%)
- Yellow (65%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (49%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.7185, -51.3478, 29.6803 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 68.7185, -51.3478, 29.6803 by changing the saturation by 10% instead.

■ 68.7185, -51.3478,
29.6803

■ 68.7185, -51.3478,
29.6803

193.8321,
-83.5804, 52.4844

■ 57.6307, -47.0994,
26.7730

■ 92.7622, -59.2818,
35.1721

■ 47.2119, -42.6011,
23.7220

■ 105.6550,
-63.0293, 37.7937

■ 37.5098, -37.7860,
20.4911

■ 119.0953,
-66.6612, 40.3513

■ 28.5820, -32.5561,
17.0324

■ 133.0616,
-70.1944, 42.8554

■ 20.5023, -26.7646,
13.8654

■ 147.5348,
-73.6426, 45.3143

■ 13.3717, -23.4004,
9.3602

162.4977,

■ 6.9259, -12.1204,

-77.0171, 47.7351

4.8482

177.9349,
-80.3271, 50.1235

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7185, -51.3478,
29.6803

■ 68.7185, -51.3478,
29.6803

■ 68.2623, -53.6376,
32.1702

■ 69.3754, -48.2018,
26.9329

■ 67.9727, -55.1740,
34.3679

■ 70.2461, -44.1560,
23.9608


■ 67.9247, -55.4341,
34.7664


■ 71.3433, -39.2063,
20.8027


■ 72.6736, -33.3774,
17.4994


■ 74.2392, -26.7176,

14.0925

 76.0389, -19.2929,
10.6226

 78.0686, -11.1808,
7.1271

 80.3217, -2.4639,
3.6395

 82.7900, 6.7743,
0.1880

Harmonies

Analogous

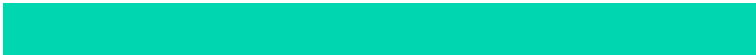
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.7199, -31.9523, 39.4875



68.7185, -51.3478, 29.6803



68.7199, -58.3048, 6.2134

Triad

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



68.7199, -51.3486, 29.6807



68.7199, -6.2997, -94.2770



68.7199, 65.6835, 27.1426

Complementary

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



68.7185, -51.3478, 29.6803



42.0476, 65.2243, -13.0439

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.



68.7199, 76.2235, 1.1724



68.7185, -51.3478, 29.6803



68.7199, 30.0845, -79.1576

Square

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



68.7199, -51.3486, 29.6807



68.7199, -35.7106, -74.1370



68.7199, 62.0905, -39.3627



68.7199, 35.5867, 38.6143

Rectangle

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



68.7185, -51.3478, 29.6803



68.7199, -56.2472, -18.4360



68.7199, 62.0905, -39.3627



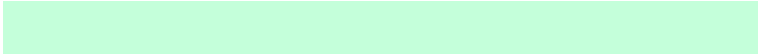
68.7199, 71.8630, 20.3451

Sweetspot

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



68.7199, -51.3486, 29.6807



94.0008, -29.1787, 15.6017



72.2577, -38.1811, 41.7354



43.1184, -15.0391, 7.9509

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.7199, -51.3486, 29.6807



85.2139, -68.6093, 42.2811



70.5571, -40.1746, 3.1399



36.4379, -5.7963, 3.5720



53.3511, -43.4249, 27.0576



12.6752, -9.8961, 5.5200

Inverse Universe

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



42.0476, 65.2243, -13.0439



49.3878, 88.3875, -11.7737



39.9050, 56.7909, 17.5208



34.5429, 2.1720, 0.3222



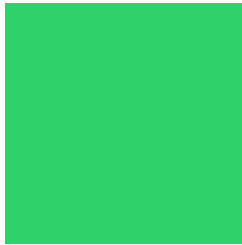
30.6687, 55.9377, -6.6682



7.3547, 13.5960, -3.0055

Previews

White Background



This preview shows how the HunterLab color 68.7185, -51.3478, 29.6803 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 68.7185, -51.3478, 29.6803 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 68.7185, -51.3478, 29.6803 Background



This preview shows how black text looks on a background with the HunterLab color 68.7185, -51.3478, 29.6803.



This preview shows how white text looks on a background with the HunterLab color 68.7185,

-51.3478, 29.6803.

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

68.7185, -51.3478, 29.6803

Protanopia

67.9497, -7.3862, 32.0850

Deuteranopia

67.8457, 4.7981, 27.7159



Tritanopia

68.4911, -25.5341, -12.7371

Trichromacy



Original Color

68.7185, -51.3478, 29.6803



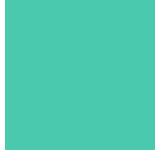
Protanomaly

66.4161, -29.0622, 29.6535



Deuteranomaly

65.7695, -22.8167, 26.3084



Tritanomaly

68.0332, -36.8027, 6.3793

Monochromacy



Original Color

68.7185, -51.3478, 29.6803



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

58.5355, -24.7417, 13.1598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7185, -51.3478, 29.6803 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(46, 209, 106)` looks like.

```
.text, #text, p{  
    color:rgb(46, 209, 106)  
}
```

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(46, 209, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 209, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7185, -51.3478, 29.6803 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(46, 209, 106) }
```


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

```
.border{ border-color:rgb(46, 209, 106) }
```

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

Here you see how a box with a 4 pixel rgb(46, 209, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 209, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 209, 106);  
box-shadow:4px 4px 4px 4px rgb(46, 209,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.7185, -51.3478, 29.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 209, 106) }
```

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

```
.background{ background-color: rgb(46, 209,  
106) }
```

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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