

Converting Colors

HunterLab(68.6282, -29.7009,
21.3019)

Have a look what the booklet for
HunterLab(68.6282, -29.7009,
21.3019) contains.

HunterLab(68.5368, -29.7346, 21.2376)	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(68.5368,
-29.7346, 21.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	88C589
RGB	136, 197, 137
RGB Percent	53%, 77%, 54%
CMY	0.4667, 0.2274, 0.4627
CMYK	0.31, 0.00, 0.30, 0.23
HSL	121°, 34%, 65%
HSV	121°, 31%, 77%
XYZ	34.6350, 46.9729, 30.9082
YIQ	171.9210, -17.0960, -31.5920

Conversions

Conversions Part 2

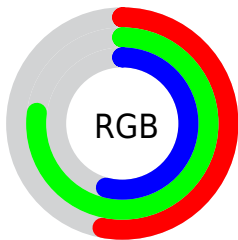
Format	Color
RYB	136, 196, 197
Decimal	8963465
CIELab	74.17, -31.54, 24.03
CIELCh	74, 39.653, 142.702
Yxy	46.9749, 0.3078, 0.4175
Android (android.graphics.Color)	4287153545 (0xFF88C589)
YUV	171.9210, -17.2161, -31.5027
Hunter-Lab	68.5368, -29.7346, 21.2376

Details

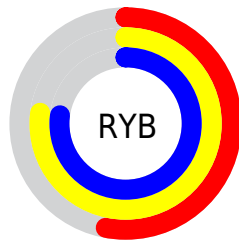
The HunterLab color $68.5368, -29.7346, 21.2376$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $57.8491, 27.7289, -17.3955$, and the grayscale version is $64.2722, -3.4294, 3.4920$.

A 20% lighter version of the original color is $92.5859, -34.1421, 24.8889$, and $47.1358, -24.9305, 17.2666$ is the 20% darker color. If you saturate the color by 10%, you get $67.0575, -36.2762, 25.6344$, and if you desaturate by 10%, it is $70.2750, -22.2624, 16.2351$.

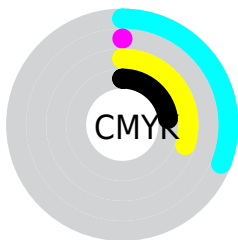
Distribution



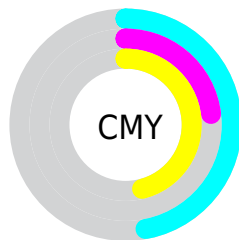
- Red (53%)
- Green (77%)
- Blue (54%)



- Red (53%)
- Yellow (77%)
- Blue (77%)



- Cyan (31%)
- Magenta (0%)
- Yellow (30%)
- Black (23%)



- Cyan (47%)
- Magenta (23%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.5368, -29.7346, 21.2376 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 68.5368, -29.7346, 21.2376 by changing the saturation by 10% instead.

■ 68.5368, -29.7346,
21.2376

■ 68.5368, -29.7346,
21.2376

193.5754,
-48.7536, 37.3500

■ 57.4594, -27.4011,
19.3039

■ 92.5614, -34.2043,
24.9669

■ 47.0516, -24.9736,
17.3023

■ 105.4453,
-36.3645, 26.7821

■ 37.3614, -22.4236,
15.2104

■ 118.8770,
-38.4879, 28.5745

■ 28.4464, -19.7067,
12.9941

132.8351,
-40.5815, 30.3495

■ 20.3810, -16.7518,
10.6015

147.3004,
-42.6507, 32.1114

■ 13.2665, -13.5104,
9.1587

162.2557,

■ 6.7975, -11.8956,

-44.7001, 33.8636

4.7582

177.6854,
-46.7334, 35.6090

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5368, -29.7346,
21.2376

■ 68.5368, -29.7346,
21.2376

■ 67.0575, -36.2762,
25.6344

■ 70.2750, -22.2624,
16.2351

■ 65.8334, -41.8090,
29.3722

■ 72.2633, -13.9484,
10.6874

■ 64.8619, -46.2872,
32.4181

■ 74.4958, -4.8961,
4.6640

■ 64.1335, -49.6988,
34.7612


■ 76.9628, 4.7899,
-1.7656

■ 63.6325, -52.0748,


■ 79.6531, 15.0086,


36.4182

-8.5344

 63.3358, -53.4967,
37.4383

 82.5545, 25.6667,
-15.5806

 63.1993, -54.1533,
37.9080

 82.7130, 26.2944,
-16.3887

Harmonies

Analogous

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



68.5382, -16.8619, 28.1904



68.5368, -29.7346, 21.2376



68.5382, -35.5095, 7.8937

Triad

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



68.5382, -29.7359, 21.2383



68.5382, -8.1235, -39.0613



68.5382, 32.3579, 15.5524

Complementary

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



68.5368, -29.7346, 21.2376



57.8491, 27.7289, -17.3955

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.



68.5382, 35.3324, -0.7109



68.5368, -29.7346, 21.2376



68.5382, 10.6220, -35.4260

Square

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



68.5382, -29.7359, 21.2383



68.5382, -23.9206, -29.0339



68.5382, 27.0096, -20.1180



68.5382, 19.2656, 25.5673

Rectangle

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



68.5368, -29.7346, 21.2376



68.5382, -35.0380, -4.1383



68.5382, 27.0096, -20.1180



68.5382, 34.6271, 10.7648

Sweetspot

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



68.5382, -29.7359, 21.2383



97.2289, -16.5227, 12.8744



73.2003, -12.4217, 26.0216



44.7870, -8.4472, 6.4912

0.0000, NaN, NaN



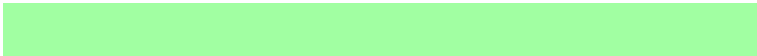
46.2646, -2.4686, 2.5136

Same Dimension

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



68.5382, -29.7359, 21.2383



90.3750, -45.7201, 32.4024



69.2390, -25.6527, 11.1157



34.4828, -5.9689, 4.6391



51.2556, -43.9108, 30.7258



11.1577, -9.5267, 6.6192

Inverse Universe

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



57.8491, 27.7289, -17.3955



73.3132, 46.3362, -29.4724



56.7901, 22.4475, -2.5306



32.8839, 2.5721, -1.1053



32.1932, 63.0724, -40.7508



7.0123, 13.7489, -8.9583

Previews

White Background



This preview shows how the HunterLab color 68.5368, -29.7346, 21.2376 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 68.5368, -29.7346, 21.2376 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 68.5368, -29.7346, 21.2376 Background



This preview shows how black text looks on a background with the HunterLab color 68.5368, -29.7346, 21.2376.



This preview shows how white text looks on a background with the HunterLab color 68.5368,

-29.7346, 21.2376.

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

68.5368, -29.7346, 21.2376

Protanopia

68.1140, -5.6799, 23.4890

Deuteranopia

68.0964, 5.2350, 19.7707



Tritanopia

68.5935, -12.5397, -7.3310

Trichromacy



Original Color

68.5368, -29.7346, 21.2376

Protanomaly

67.9947, -15.4014, 22.2789

Deuteranomaly

67.5749, -8.7147, 19.7177

Tritanomaly

68.5010, -19.3203, 4.4979

Monochromacy



Original Color

68.5368, -29.7346, 21.2376

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

65.5148, -13.6237, 10.4470

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5368, -29.7346, 21.2376 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(136, 197, 137)` looks like.

```
.text, #text, p{  
    color:rgb(136, 197, 137)  
}
```

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(136, 197, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 197, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5368, -29.7346, 21.2376 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(136, 197, 137) }
```


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

```
.border{ border-color:rgb(136, 197, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 197, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 197, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 197, 137);  
box-shadow:4px 4px 4px 4px rgb(136, 197,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5368, -29.7346, 21.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 197, 137) }
```

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

```
.background{ background-color: rgb(136,  
197, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor