

Converting Colors

HunterLab(68.3879, -36.5038,
12.2235)

Have a look what the booklet for
HunterLab(68.3879, -36.5038,
12.2235) contains.

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Color

**HunterLab(68.3181,
-36.3819, 12.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	5DC9A1
RGB	93, 201, 161
RGB Percent	36%, 79%, 63%
CMY	0.6353, 0.2118, 0.3686
CMYK	0.54, 0.00, 0.20, 0.21
HSL	158°, 50%, 58%
HSV	158°, 54%, 79%
XYZ	31.8339, 46.6736, 41.0492
YIQ	164.1480, -51.5280, -35.3360

Conversions

Conversions Part 2

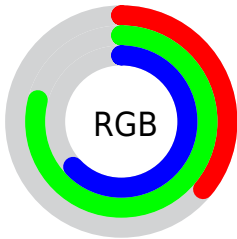
Format	Color
RYB	93, 159, 201
Decimal	6146465
CIELab	73.98, -40.62, 10.66
CIELCh	74, 41.990, 165.296
Yxy	46.6755, 0.2663, 0.3904
Android (android.graphics.Color)	4284336545 (0xFF5DC9A1)
YUV	164.1480, -1.5520, -62.3968
Hunter-Lab	68.3181, -36.3819, 12.1980

Details

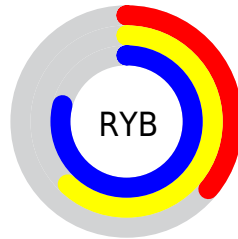
The HunterLab color **68.3181, -36.3819, 12.1980** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **46.8410, 40.8755, 1.4887**, and the grayscale version is **61.0127, -3.2555, 3.3149**.

A 20% lighter version of the original color is **91.1357, -40.1741, 13.1894**, and **46.7777, -30.4788, 9.9526** is the 20% darker color. If you saturate the color by 10%, you get **67.4581, -40.1942, 14.1634**, and if you desaturate by 10%, it is **69.3803, -31.8306, 10.3499**.

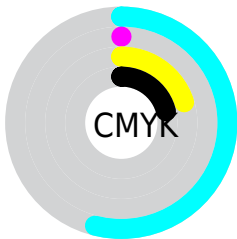
Distribution



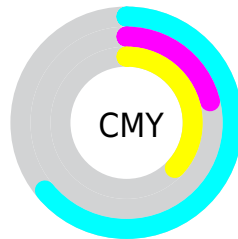
- Red (36%)
- Green (79%)
- Blue (63%)



- Red (36%)
- Yellow (62%)
- Blue (79%)



- Cyan (54%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.3181, -36.3819, 12.1980 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 68.3181, -36.3819, 12.1980 by changing the saturation by 10% instead.

■ 68.3181, -36.3819,
12.1980

■ 68.3181, -36.3819,
12.1980

193.2661,
-59.1727, 22.9395

■ 57.2531, -33.5030,
11.0413

■ 92.3196, -41.8379,
14.5206

■ 46.8587, -30.4859,
9.8799

■ 105.1927,
-44.4506, 15.6910

■ 37.1827, -27.2903,
8.7070

■ 118.6141,
-47.0045, 16.8704

■ 28.2833, -23.8548,
7.5110

■ 132.5623,
-49.5091, 18.0602

■ 20.2351, -20.0824,
6.2722

147.0180,
-51.9724, 19.2613

■ 13.1401, -16.4785,
4.9557

161.9640,

■ 6.6393, -11.6188,

-54.4008, 20.4745

4.6475

177.3848,
-56.7994, 21.7004

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3181, -36.3819,
12.1980

■ 68.3181, -36.3819,
12.1980

■ 67.4581, -40.1942,
14.1634

■ 69.3803, -31.8306,
10.3499

■ 66.7872, -43.2661,
16.2145

■ 70.6458, -26.5593,
8.6421

■ 66.2931, -45.6258,
18.3189

■ 72.1178, -20.6075,
7.0957

■ 65.9562, -47.3334,
20.4398

■ 73.7952, -14.0269,
5.7263

■ 65.7994, -48.1722,


■ 75.6746, -6.8777,


21.7465

4.5442

 77.7509, 0.7758,
3.5549

 80.0172, 8.8682,
2.7599

 82.4659, 17.3367,
2.1570

 82.8472, 19.0485,
-1.1476

Harmonies

Analogous

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



68.3195, -28.4002, 24.4187



68.3181, -36.3819, 12.1980



68.3195, -36.3019, -6.4192

Triad

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



68.3195, -36.3826, 12.1987



68.3195, 6.5686, -40.6280



68.3195, 24.9014, 24.5898

Complementary

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



68.3181, -36.3819, 12.1980



46.8410, 40.8755, 1.4887

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.



68.3195, 36.5882, 12.5077



68.3181, -36.3819, 12.1980



68.3195, 25.2200, -26.5739

Square

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



68.3195, -36.3826, 12.1987



68.3195, -12.9446, -40.7803



68.3195, 36.7109, -6.0101



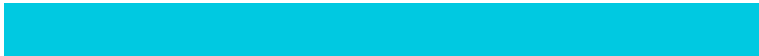
68.3195, 6.1717, 30.0811

Rectangle

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



68.3181, -36.3819, 12.1980



68.3195, -31.7403, -20.3781



68.3195, 36.7109, -6.0101



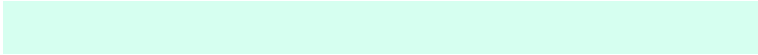
68.3195, 29.8724, 21.3437

Sweetspot

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



68.3195, -36.3826, 12.1987



95.9848, -20.5732, 7.9169



69.0412, -36.1257, 33.0165



44.1912, -10.3610, 3.8324

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3195, -36.3826, 12.1987



88.1504, -53.1100, 18.8399



65.3327, -23.8234, -10.3088



34.6386, -5.0988, 2.4093



52.1917, -38.0899, 16.9901



11.4169, -7.9205, 2.8280

Inverse Universe

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



46.8410, 40.8755, 1.4887



55.8165, 64.5790, 3.8572



48.4095, 30.2438, 17.6748



32.7121, 1.6511, 1.3366



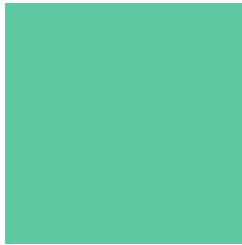
28.5283, 50.0158, 9.4407



6.3192, 11.2909, 0.4479

Previews

White Background



This preview shows how the HunterLab color 68.3181, -36.3819, 12.1980 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 68.3181, -36.3819, 12.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

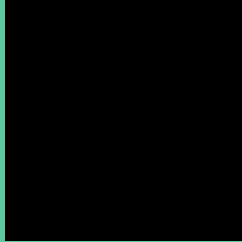
Any Text WCAG AA ✓ Pass

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 68.3181, -36.3819, 12.1980 Background



This preview shows how black text looks on a background with the HunterLab color 68.3181, -36.3819, 12.1980.



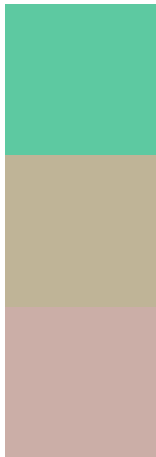
This preview shows how white text looks on a background with the HunterLab color 68.3181,

-36.3819, 12.1980.

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

68.3181, -36.3819, 12.1980

Protanopia

67.7888, -4.3689, 16.0872

Deuteranopia

67.6451, 4.9564, 9.7257



Tritanopia

68.1358, -22.0207, -11.4575

Trichromacy



Original Color

68.3181, -36.3819, 12.1980



Protanomaly

67.3064, -18.5540, 13.8322



Deuteranomaly

66.9209, -12.9891, 9.4708



Tritanomaly

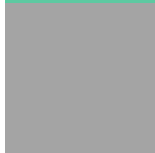
68.2802, -27.7984, -1.7158

Monochromacy



Original Color

68.3181, -36.3819, 12.1980



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

62.8426, -16.7680, 5.7383

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3181, -36.3819, 12.1980 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(93, 201, 161)` looks like.

```
.text, #text, p{  
    color:rgb(93, 201, 161)  
}
```

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(93, 201, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 201, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3181, -36.3819, 12.1980 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(93, 201, 161) }
```


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

```
.border{ border-color:rgb(93, 201, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 201, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 201, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 201, 161);  
box-shadow:4px 4px 4px 4px rgb(93, 201,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.3181, -36.3819, 12.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 201, 161) }
```

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

```
.background{ background-color: rgb(93, 201,  
161) }
```

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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