

Converting Colors

HunterLab(66.8684, -29.5955,
-3.1163)

Have a look what the booklet for
HunterLab(66.8684, -29.5955,
-3.1163) contains.

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Color

**HunterLab(66.9106,
-29.7068, -2.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	56C3BF
RGB	86, 195, 191
RGB Percent	34%, 76%, 75%
CMY	0.6627, 0.2353, 0.2510
CMYK	0.56, 0.00, 0.02, 0.24
HSL	178°, 48%, 55%
HSV	178°, 56%, 76%
XYZ	32.7569, 44.7703, 56.2054
YIQ	161.9530, -63.6800, -24.3520

Conversions

Conversions Part 2

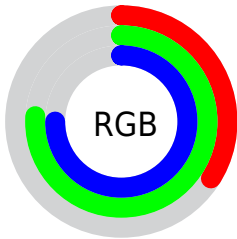
Format	Color
RYB	86, 142, 195
Decimal	5686207
CIELab	72.74, -31.95, -7.43
CIELCh	73, 32.799, 193.101
Yxy	44.7720, 0.2449, 0.3348
Android (android.graphics.Color)	4283876287 (0xFF56C3BF)
YUV	161.9530, 14.3202, -66.6108
Hunter-Lab	66.9106, -29.7068, -2.9666

Details

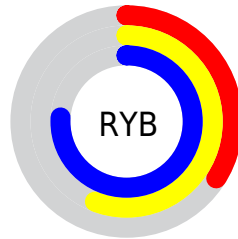
The HunterLab color $66.9106, -29.7068, -2.9666$ is a light color, and the websafe version is hex $66CCCC$. The color can be described as light muted spring green. A complement of this color would be $43.5858, 37.0866, 14.3465$, and the grayscale version is $60.0529, -3.2043, 3.2628$.

A 20% lighter version of the original color is $90.7502, -34.3529, -2.1720$, and $45.6998, -24.8530, -3.4703$ is the 20% darker color. If you saturate the color by 10%, you get $66.2856, -32.1907, -3.4392$, and if you desaturate by 10%, it is $67.7192, -26.5578, -2.2550$.

Distribution



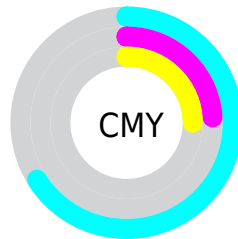
- Red (34%)
- Green (76%)
- Blue (75%)



- Red (34%)
- Yellow (56%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.9106, -29.7068, -2.9666 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 66.9106, -29.7068, -2.9666 by changing the saturation by 10% instead.

■ 66.9106, -29.7068,
-2.9666

■ 66.9106, -29.7068,
-2.9666

191.2719,
-48.9317, 1.2574

■ 55.9266, -27.3367,
-3.2181

■ 90.7624, -34.2356,
-2.3101

■ 45.6186, -24.8678,
-3.4139

■ 103.5659,
-36.4217, -1.9143

■ 36.0355, -22.2687,
-3.5469

■ 116.9206,
-38.5688, -1.4770

■ 27.2371, -19.4913,
-3.6092

■ 130.8045,
-40.6844, -1.0007

■ 19.3009, -16.4580,
-3.5903

145.1982,
-42.7742, -0.4874

■ 12.3332, -13.4658,
-3.4768

160.0843,

■ 5.5091, -9.6409,

-44.8428, 0.0611

-5.2941

175.4470,
-46.8943, 0.6431

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9106, -29.7068,
-2.9666

■ 66.9106, -29.7068,
-2.9666

■ 66.2856, -32.1907,
-3.4392

■ 67.7192, -26.5578,
-2.2550

■ 65.8294, -34.0293,
-3.6862

■ 68.7147, -22.7419,
-1.3033

■ 65.5282, -35.2672,
-3.7249

■ 69.9025, -18.2761,
-0.1130

■ 65.3606, -35.9795,
-3.5837

■ 71.2838, -13.1916,
1.3084

■ 65.3114, -36.1947,

■ 72.8577, -7.5301,

-3.4996

2.9493

■ 74.6209, -1.3411,
4.7951

■ 76.5687, 5.3220,
6.8290

■ 78.6950, 12.4042,
9.0334

■ 80.2143, 17.3645,
10.4897

Harmonies

Analogous

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



66.9119, -29.2858, 11.2245



66.9106, -29.7068, -2.9666



66.9119, -23.5890, -18.2556

Triad

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



66.9119, -29.7072, -2.9657



66.9119, 17.5721, -19.9815



66.9119, 5.1282, 25.1433

Complementary

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



66.9106, -29.7068, -2.9666



43.5858, 37.0866, 14.3465

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.



66.9119, 19.1113, 19.9792



66.9106, -29.7068, -2.9666



66.9119, 26.7231, -4.9465

Square

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



66.9119, -29.7072, -2.9657



66.9119, 3.1751, -29.4568



66.9119, 27.3103, 9.6381



66.9119, -10.0655, 25.4429

Rectangle

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



66.9106, -29.7068, -2.9666



66.9119, -16.2797, -26.1701



66.9119, 27.3103, 9.6381



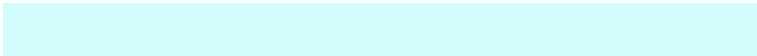
66.9119, 10.1571, 23.9820

Sweetspot

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



66.9119, -29.7072, -2.9657



95.1284, -18.6316, 1.4730



64.7696, -42.9188, 31.0991



44.3328, -9.3919, 0.4992

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.9119, -29.7072, -2.9657



88.5581, -43.6781, -4.6983



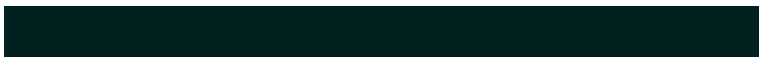
51.4418, -6.8808, -27.9312



33.7963, -4.4675, 1.1015



52.6553, -29.1632, -2.8595



10.9544, -6.0066, -0.7254

Inverse Universe

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



43.5858, 37.0866, 14.3465



52.6720, 61.1715, 22.7596



54.4220, 12.5330, 24.1613



31.7549, 1.1345, 2.5245



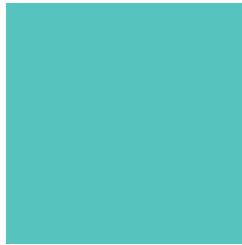
27.4840, 47.1141, 17.3949



5.7313, 9.8616, 3.3427

Previews

White Background



This preview shows how the HunterLab color 66.9106, -29.7068, -2.9666 looks on a white background.

Color Contrast Check

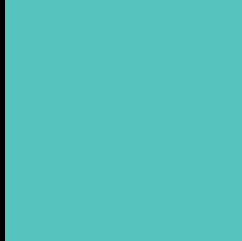
Large Text (above 18pt) WCAG AA × Fail

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 66.9106, -29.7068, -2.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

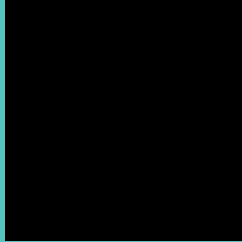
Any Text WCAG AA ✓ Pass

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 66.9106, -29.7068, -2.9666 Background



This preview shows how black text looks on a background with the HunterLab color 66.9106, -29.7068, -2.9666.



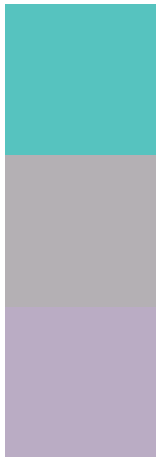
This preview shows how white text looks on a background with the HunterLab color 66.9106,

-29.7068, -2.9666.

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

66.9106, -29.7068, -2.9666

Protanopia

66.3696, -1.6126, 2.2944

Deuteranopia

66.2795, 5.1108, -5.7867



Tritanopia

66.7686, -23.9467, -12.2672

Trichromacy



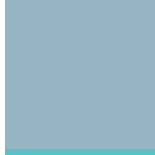
Original Color

66.9106, -29.7068, -2.9666



Protanomaly

65.9080, -13.9415, -0.4258



Deuteranomaly

65.5908, -9.6379, -5.8879



Tritanomaly

66.7667, -26.0844, -8.9352

Monochromacy



Original Color

66.9106, -29.7068, -2.9666



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

61.9335, -14.6846, 0.0583

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.9106, -29.7068, -2.9666 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(86, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(86, 195, 191)  
}
```

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(86, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 195, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 66.9106, -29.7068, -2.9666 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(86, 195, 191) }
```


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

```
.border{ border-color:rgb(86, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(86, 195,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.9106, -29.7068, -2.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 195, 191) }
```

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

```
.background{ background-color: rgb(86, 195,  
191) }
```

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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