

Converting Colors

HunterLab(86.4102, -49.1714,
4.1639)

Have a look what the booklet for
HunterLab(86.4102, -49.1714,
4.1639) contains.

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Color

**HunterLab(86.4192,
-49.1069, 4.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	3BFAE0
RGB	59, 250, 224
RGB Percent	23%, 98%, 88%
CMY	0.7686, 0.0196, 0.1216
CMYK	0.76, 0.00, 0.10, 0.02
HSL	172°, 95%, 61%
HSV	172°, 76%, 98%
XYZ	49.4437, 74.6828, 82.3302
YIQ	189.9270, -105.4900, -48.5780

Conversions

Conversions Part 2

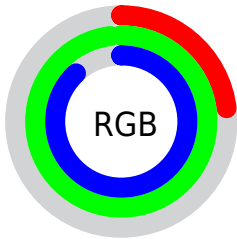
Format	Color
RYB	59, 161, 250
Decimal	3930848
CIELab	89.25, -51.51, -0.75
CIELCh	89, 51.519, 180.834
Yxy	74.6856, 0.2395, 0.3617
Android (android.graphics.Color)	4282120928 (0xFF3BFAE0)
YUV	189.9270, 16.7980, -114.8230
Hunter-Lab	86.4192, -49.1069, 4.0088

Details

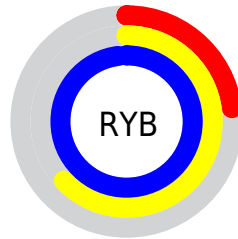
The HunterLab color **86.4192, -49.1069, 4.0088** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.1018, 69.0465, 21.0841**, and the grayscale version is **71.6927, -3.8253, 3.8952**.

A 20% lighter version of the original color is **91.5920, -35.9454, -5.4329**, and **64.0348, -38.9395, 4.0214** is the 20% darker color. If you saturate the color by 10%, you get **85.9726, -51.1153, 5.0986**, and if you desaturate by 10%, it is **87.0789, -46.2765, 3.1661**.

Distribution



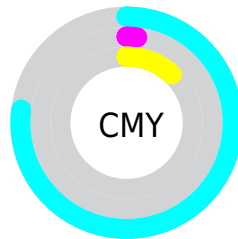
- Red (23%)
- Green (98%)
- Blue (88%)



- Red (23%)
- Yellow (63%)
- Blue (98%)



- Cyan (76%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)





- Cyan (77%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.4192, -49.1069, 4.0088 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 86.4192, -49.1069, 4.0088 by changing the saturation by 10% instead.


 86.4192, -49.1069,
4.0088

 86.4192, -49.1069,
4.0088


218.3658,
-75.6158, 10.9424


 74.4012, -45.7775,
3.3891


 112.1906,
-55.4466, 5.3499

 62.9971, -42.3100,
2.8036


 125.8918,
-58.4898, 6.0663

 52.2437, -38.6716,
2.2557


 140.1094,
-61.4655, 6.8118

 42.1832, -34.8168,
1.7481

 154.8252,
-64.3833, 7.5854

 32.8669, -30.6799,
1.2841

170.0230,
-67.2512, 8.3861

 24.3600, -26.1621,
0.8683

185.6878,

 16.7482, -21.1292,

-70.0756, 9.2131

0.5066

201.8063,
-72.8623, 10.0654

■ 10.1529, -17.7676,
0.2081

0.0000, NaN, NaN

■ 86.4192, -49.1069,
4.0088

■ 86.4192, -49.1069,
4.0088

■ 85.9726, -51.1153,
5.0986

■ 87.0789, -46.2765,
3.1661


■ 85.7039, -52.4064,
6.3874


■ 87.9683, -42.5615,
2.6012


■ 85.6328, -52.7679,
6.8772


■ 89.1043, -37.9354,
2.3389

■ 90.4966, -32.4010,
2.3944

 92.1508, -25.9859,
2.7747

 94.0682, -18.7375,
3.4787

 96.2471, -10.7178,
4.4993

 98.2920, -3.3470,
5.3411

 98.4022, -2.7454,
3.7691

Harmonies

Analogous

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



86.4209, -44.0534, 24.8062



86.4192, -49.1069, 4.0088



86.4209, -43.4625, -23.3684

Triad

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



86.4209, -49.1073, 4.0098



86.4209, 22.5073, -46.8550



86.4209, 21.1013, 36.7617

Complementary

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



86.4192, -49.1069, 4.0088



49.1018, 69.0465, 21.0841

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.



86.4209, 42.5964, 25.6879



86.4192, -49.1069, 4.0088



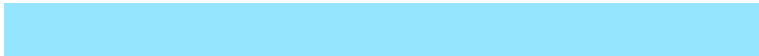
86.4209, 43.4732, -21.8067

Square

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



86.4209, -49.1073, 4.0098



86.4209, -3.8878, -57.5761



86.4209, 51.2196, 5.3927



86.4209, -5.3415, 40.0065

Rectangle

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



86.4192, -49.1069, 4.0088



86.4209, -33.9566, -40.8440



86.4209, 51.2196, 5.3927



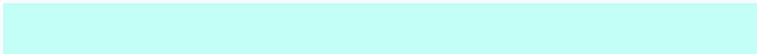
86.4209, 29.2508, 34.0320

Sweetspot

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



86.4209, -49.1073, 4.0098



94.8784, -24.1699, 3.0438



84.1116, -64.4962, 47.7823



43.5825, -12.3749, 1.3066

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.4209, -49.1073, 4.0098



87.7519, -53.1112, 5.9445



64.6252, -13.5872, -43.3950



44.2330, -6.1489, 1.9212



62.3786, -38.3538, 4.8269



19.0124, -11.4994, 1.0600

Inverse Universe

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



49.1018, 69.0465, 21.0841



46.9314, 78.0885, 26.1309



59.6039, 38.4187, 33.2828



41.5496, 1.7856, 2.8506



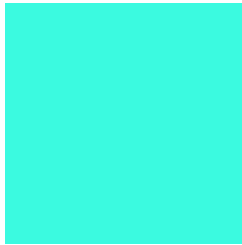
32.9449, 56.6414, 19.5659



10.0832, 17.4489, 5.1119

Previews

White Background



This preview shows how the HunterLab color 86.4192, -49.1069, 4.0088 looks on a white background.

Color Contrast Check

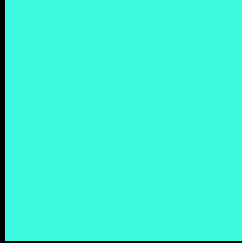
Large Text (above 18pt) WCAG AA × Fail

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 86.4192, -49.1069, 4.0088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

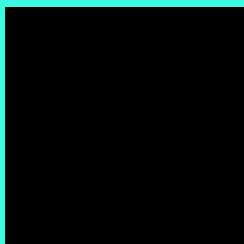
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

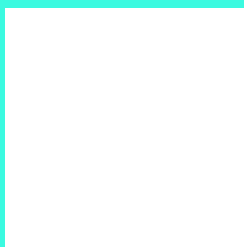
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 86.4192, -49.1069, 4.0088 Background



This preview shows how black text looks on a background with the HunterLab color 86.4192, -49.1069, 4.0088.



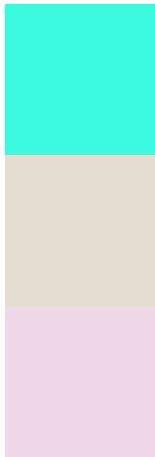
This preview shows how white text looks on a background with the HunterLab color 86.4192,

-49.1069, 4.0088.

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

86.4192, -49.1069, 4.0088

Protanopia

85.3961, -4.0559, 11.1180

Deuteranopia

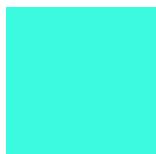
85.6088, 5.9765, -0.0171



Tritanopia

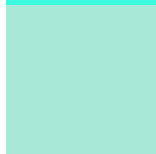
85.9881, -28.8554, -12.7530

Trichromacy



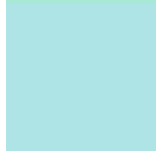
Original Color

86.4192, -49.1069, 4.0088



Protanomaly

84.1331, -26.4468, 6.5465



Deuteranomaly

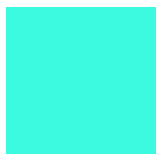
83.7512, -20.0886, -1.2226



Tritanomaly

85.8470, -37.2782, -6.8652

Monochromacy



Original Color

86.4192, -49.1069, 4.0088



Achromatopsia

71.7578, -3.8288, 3.8987



Achromatomaly

75.5659, -25.0931, 2.2821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.4192, -49.1069, 4.0088 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(59, 250, 224)` looks like.

```
.text, #text, p{  
    color:rgb(59, 250, 224)  
}
```

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(59, 250, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 250, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 86.4192, -49.1069, 4.0088 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(59, 250, 224) }
```


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

```
.border{ border-color:rgb(59, 250, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 250, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 250, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 250, 224);  
box-shadow:4px 4px 4px 4px rgb(59, 250,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.4192, -49.1069, 4.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 250, 224) }
```

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

```
.background{ background-color: rgb(59, 250,  
224) }
```

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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