

Converting Colors

HunterLab(84.1065, -49.2919,
7.9576)

Have a look what the booklet for
HunterLab(84.1065, -49.2919,
7.9576) contains.

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Color

**HunterLab(84.2319,
-49.4804, 8.1189)**

Conversions

Conversions Part 1

Format	Color
Hex	3DF5D2
RGB	61, 245, 210
RGB Percent	24%, 96%, 82%
CMY	0.7607, 0.0392, 0.1765
CMYK	0.75, 0.00, 0.14, 0.04
HSL	169°, 90%, 60%
HSV	169°, 75%, 96%
XYZ	46.2098, 70.9501, 72.2321
YIQ	185.9940, -98.4290, -49.8930

Conversions

Conversions Part 2

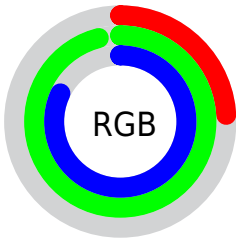
Format	Color
R _{YB}	61, 163, 245
Decimal	4060626
CIE Lab	87.46, -52.79, 3.95
CIE LCh	87, 52.940, 175.719
Yxy	70.9529, 0.2440, 0.3746
Android (android.graphics.Color)	4282250706 (0xFF3DF5D2)
YUV	185.9940, 11.8350, -109.6197
Hunter-Lab	84.2319, -49.4804, 8.1189

Details

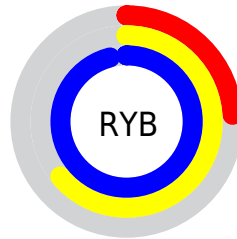
The HunterLab color **84.2319, -49.4804, 8.1189** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **48.5762, 67.2640, 17.5995**, and the grayscale version is **70.0542, -3.7379, 3.8062**.

A 20% lighter version of the original color is **91.5920, -35.9454, -5.4329**, and **61.9409, -39.2800, 7.3736** is the 20% darker color. If you saturate the color by 10%, you get **83.7352, -51.7608, 9.6418**, and if you desaturate by 10%, it is **84.9420, -46.3742, 6.8127**.

Distribution



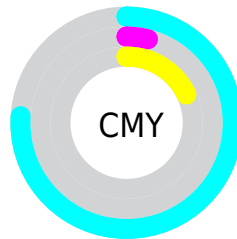
- Red (24%)
- Green (96%)
- Blue (82%)



- Red (24%)
- Yellow (64%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)





- Cyan (76%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.2319, -49.4804, 8.1189 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 84.2319, -49.4804, 8.1189 by changing the saturation by 10% instead.


 84.2319, -49.4804,
8.1189


 84.2319, -49.4804,
8.1189


215.3808,
-76.6042, 16.6077


 72.3213, -46.0554,
7.2883


 109.8028,
-55.9884, 9.8522


 61.0305, -42.4818,
6.4799


 123.4099,
-59.1067, 10.7524

 50.3974, -38.7242,
5.6947


 137.5368,
-62.1529, 11.6748

 40.4655, -34.7326,
4.9323

 152.1650,
-65.1371, 12.6191

 31.2883, -30.4346,
4.1914

167.2779,
-68.0678, 13.5849

 22.9340, -25.7205,
3.4695

182.8605,

 15.4933, -20.7920,

-70.9521, 14.5719

2.7612

198.8990,
-73.7959, 15.5796

■ 9.0890, -15.9058,
2.2971

0.0000, NaN, NaN

■ 84.2319, -49.4804,
8.1189

■ 84.2319, -49.4804,
8.1189

■ 83.7352, -51.7608,
9.6418

■ 84.9420, -46.3742,
6.8127


■ 83.4191, -53.3079,
11.3344


■ 85.8804, -42.3886,
5.7550


■ 83.3083, -53.8864,
12.1972


■ 87.0624, -37.5056,
4.9732


■ 88.4967, -31.7354,
4.4856

 90.1876, -25.1111,
4.3027

 92.1358, -17.6848,
4.4279

 94.3385, -9.5213,
4.8579

 96.5922, -1.3755,
5.3388

 96.7431, -0.5552,
3.1871

Harmonies

Analogous

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



84.2335, -42.5625, 27.5505



84.2319, -49.4804, 8.1189



84.2335, -45.6228, -19.2468

Triad

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



84.2335, -49.4809, 8.1198



84.2335, 18.7444, -51.7358



84.2335, 26.1274, 35.5814

Complementary

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



84.2319, -49.4804, 8.1189



48.5762, 67.2640, 17.5995

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.



84.2335, 46.4329, 23.0053



84.2319, -49.4804, 8.1189



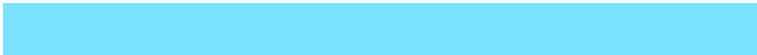
84.2335, 41.8145, -27.4974

Square

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



84.2335, -49.4809, 8.1198



84.2335, -8.2648, -59.3928



84.2335, 52.4992, 0.8901



84.2335, -0.6658, 39.9861

Rectangle

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



84.2319, -49.4804, 8.1189



84.2335, -37.1691, -37.9623



84.2335, 52.4992, 0.8901



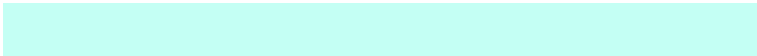
84.2335, 34.0614, 32.4035

Sweetspot

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



84.2335, -49.4809, 8.1198



94.7760, -24.7519, 4.5033



82.6016, -61.3282, 46.6552



43.5277, -12.6878, 2.0872

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.2335, -49.4809, 8.1198



87.4376, -55.0789, 10.9732



66.5793, -17.9101, -36.2189



43.2442, -6.1103, 2.1460



61.1612, -39.4533, 8.7222



18.1695, -11.4692, 2.0484

Inverse Universe

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



48.5762, 67.2640, 17.5995



47.3376, 78.0871, 23.4520



56.8234, 41.1941, 31.1275



40.6620, 1.8354, 2.5276



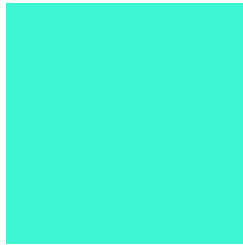
32.5295, 56.0884, 18.0695



9.7143, 16.8885, 4.3199

Previews

White Background



This preview shows how the HunterLab color 84.2319, -49.4804, 8.1189 looks on a white background.

Color Contrast Check

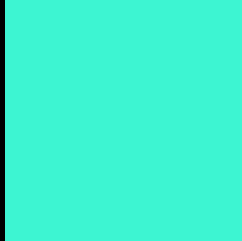
Large Text (above 18pt) WCAG AA × Fail

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 84.2319, -49.4804, 8.1189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

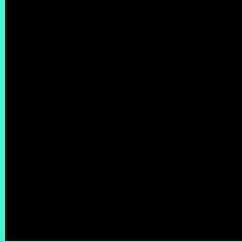
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

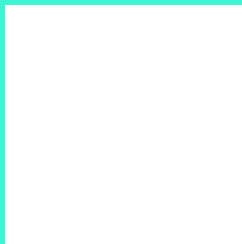
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.2319, -49.4804, 8.1189 Background



This preview shows how black text looks on a background with the HunterLab color 84.2319, -49.4804, 8.1189.



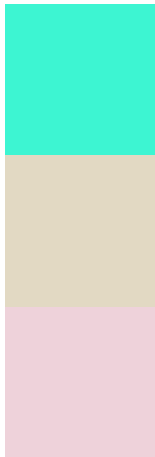
This preview shows how white text looks on a background with the HunterLab color 84.2319,

-49.4804, 8.1189.

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

84.2319, -49.4804, 8.1189

Protanopia

83.5072, -5.0019, 14.7122

Deuteranopia

83.2660, 6.4066, 4.1899



Tritanopia

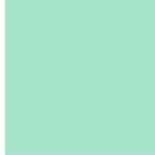
84.1020, -32.4761, -15.4416

Trichromacy



Original Color

84.2319, -49.4804, 8.1189



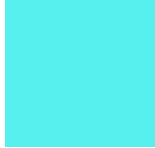
Protanomaly

81.9849, -26.7299, 10.5335



Deuteranomaly

81.6580, -20.2504, 3.2833



Tritanomaly

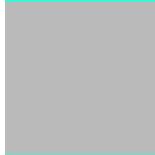
84.0398, -39.2460, -6.5141

Monochromacy



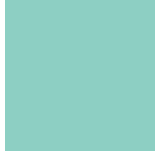
Original Color

84.2319, -49.4804, 8.1189



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

73.6400, -24.2821, 3.3827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.2319, -49.4804, 8.1189 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(61, 245, 210)` looks like.

```
.text, #text, p{  
    color:rgb(61, 245, 210)  
}
```

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(61, 245, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 245, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 84.2319, -49.4804, 8.1189 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(61, 245, 210) }
```


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

```
.border{ border-color:rgb(61, 245, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 245, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 245, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 245, 210);  
box-shadow:4px 4px 4px 4px rgb(61, 245,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.2319, -49.4804, 8.1189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 245, 210) }
```

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

```
.background{ background-color: rgb(61, 245,  
210) }
```

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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