

Converting Colors

HunterLab(86.1186, -47.6045,
2.7426)

Have a look what the booklet for
HunterLab(86.1186, -47.6045,
2.7426) contains.

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Color

**HunterLab(86.2558,
-47.7869, 2.8562)**

Conversions

Conversions Part 1

Format	Color
Hex	42F9E2
RGB	66, 249, 226
RGB Percent	26%, 98%, 89%
CMY	0.7411, 0.0235, 0.1137
CMYK	0.73, 0.00, 0.09, 0.02
HSL	172°, 94%, 62%
HSV	172°, 73%, 98%
XYZ	49.8499, 74.4006, 83.6849
YIQ	191.6610, -101.6850, -45.9490

Conversions

Conversions Part 2

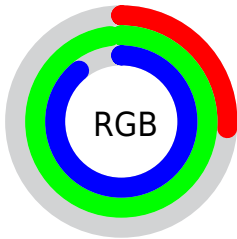
Format	Color
RYB	66, 164, 249
Decimal	4389346
CIELab	89.11, -49.84, -1.97
CIELCh	89, 49.883, 182.266
Yxy	74.4035, 0.2397, 0.3578
Android (android.graphics.Color)	4282579426 (0xFF42F9E2)
YUV	191.6610, 16.9291, -110.2047
Hunter-Lab	86.2558, -47.7869, 2.8562

Details

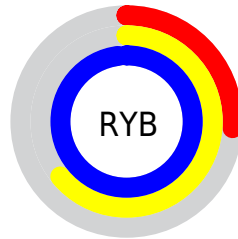
The HunterLab color **86.2558, -47.7869, 2.8562** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **49.7590, 66.5325, 20.5613**, and the grayscale version is **72.4233, -3.8643, 3.9349**.

A 20% lighter version of the original color is **91.8234, -35.0630, -5.1205**, and **63.7492, -38.1991, 2.7801** is the 20% darker color. If you saturate the color by 10%, you get **85.7603, -49.9707, 3.7686**, and if you desaturate by 10%, it is **86.9701, -44.7657, 2.2053**.

Distribution



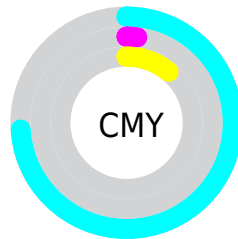
- Red (26%)
- Green (98%)
- Blue (89%)



- Red (26%)
- Yellow (64%)
- Blue (98%)



- Cyan (73%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)





- Cyan (74%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.2558, -47.7869, 2.8562 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 86.2558, -47.7869, 2.8562 by changing the saturation by 10% instead.


 86.2558, -47.7869,
2.8562


 86.2558, -47.7869,
2.8562


218.1432,
-73.6322, 9.3825


 74.2458, -44.5500,
2.2910


 112.0123,
-53.9563, 4.0954

 62.8500, -41.1811,
1.7630


 125.7066,
-56.9204, 4.7637

 52.1056, -37.6487,
1.2758


 139.9174,
-59.8205, 5.4630

 42.0545, -33.9086,
0.8329

 154.6267,
-62.6657, 6.1918

 32.7486, -29.8975,
0.4386

169.8182,
-65.4636, 6.9491

 24.2529, -25.5193,
0.0986

185.4770,

 16.6537, -20.6301,

-68.2206, 7.7340

-0.1789

201.5895,
-70.9420, 8.5454

■ 10.0729, -17.6277,
-0.3815

0.0000, NaN, -NF

■ 86.2558, -47.7869,
2.8562

■ 86.2558, -47.7869,
2.8562

■ 85.7603, -49.9707,
3.7686

■ 86.9701, -44.7657,
2.2053


■ 85.4514, -51.4067,
4.8987


■ 87.9175, -40.8547,
1.8426


■ 85.3231, -52.0495,
5.7135


■ 89.1135, -36.0361,
1.7895


■ 90.5664, -30.3197,
2.0577

 92.2805, -23.7382,
2.6507

 94.2564, -16.3432,
3.5647

 96.4913, -8.1990,
4.7899

 97.9701, -2.8485,
5.0649

 98.0717, -2.2949,
3.6172

Harmonies

Analogous

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



86.2575, -43.3569, 23.4695



86.2558, -47.7869, 2.8562



86.2575, -41.7925, -23.6357

Triad

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



86.2575, -47.7873, 2.8572



86.2575, 22.7439, -43.9368



86.2575, 19.0593, 36.2840

Complementary

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



86.2558, -47.7869, 2.8562



49.7590, 66.5325, 20.5613

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.



86.2575, 40.1885, 25.8121



86.2558, -47.7869, 2.8562



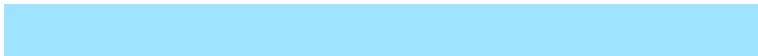
86.2575, 42.4813, -19.5608

Square

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



86.2575, -47.7873, 2.8572



86.2575, -2.6875, -55.0450



86.2575, 49.2001, 6.4936



86.2575, -6.5100, 39.1626

Rectangle

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



86.2558, -47.7869, 2.8562



86.2575, -32.2404, -40.1600



86.2575, 49.2001, 6.4936



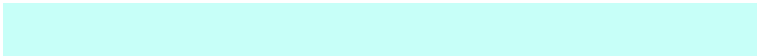
86.2575, 27.0127, 33.7185

Sweetspot

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



86.2575, -47.7873, 2.8572



95.0908, -23.3286, 2.8403



83.8698, -63.5197, 46.9234



43.7549, -11.6971, 1.2162

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.2575, -47.7873, 2.8572



87.9430, -52.1103, 4.3834



64.3552, -12.6150, -43.1370



44.2367, -6.1283, 1.8684



62.4357, -38.0094, 4.0121



19.0279, -11.4058, 0.8386

Inverse Universe

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



49.7590, 66.5325, 20.5613



47.4689, 76.7596, 25.4586



61.1053, 34.6098, 33.2560



41.5460, 1.7663, 2.9017



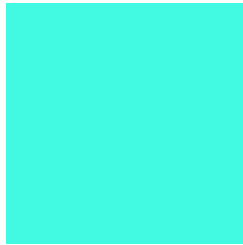
32.9322, 56.5941, 19.7550



10.0763, 17.4233, 5.2142

Previews

White Background



This preview shows how the HunterLab color 86.2558, -47.7869, 2.8562 looks on a white background.

Color Contrast Check

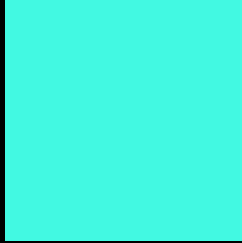
Large Text (above 18pt) WCAG AA × Fail

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 86.2558, -47.7869, 2.8562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

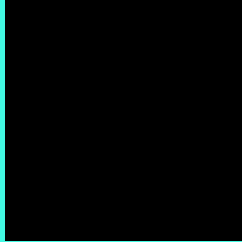
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

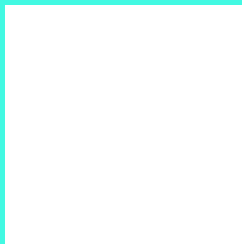
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.2558, -47.7869, 2.8562 Background



This preview shows how black text looks on a background with the HunterLab color 86.2558, -47.7869, 2.8562.



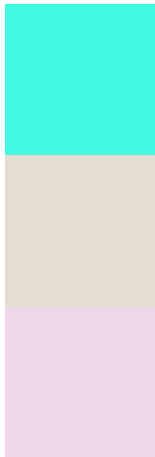
This preview shows how white text looks on a background with the HunterLab color 86.2558,

-47.7869, 2.8562.

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

86.2558, -47.7869, 2.8562

Protanopia

85.4541, -3.7386, 10.2867

Deuteranopia

85.2415, 6.3488, -0.9841



Tritanopia

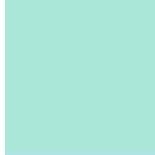
85.9410, -29.0326, -12.8210

Trichromacy



Original Color

86.2558, -47.7869, 2.8562



Protanomaly

84.0570, -24.8928, 5.5358



Deuteranomaly

83.5256, -19.1613, -2.0082



Tritanomaly

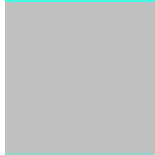
85.9191, -36.9997, -6.7662

Monochromacy



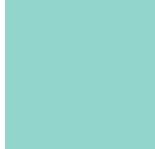
Original Color

86.2558, -47.7869, 2.8562



Achromatopsia

72.6027, -3.8739, 3.9446



Achromatomaly

76.1965, -24.3008, 2.0751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.2558, -47.7869, 2.8562 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(66, 249, 226)` looks like.

```
.text, #text, p{  
    color:rgb(66, 249, 226)  
}
```

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(66, 249, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 249, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 86.2558, -47.7869, 2.8562 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(66, 249, 226) }
```


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

```
.border{ border-color:rgb(66, 249, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 249, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 249, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 249, 226);  
box-shadow:4px 4px 4px 4px rgb(66, 249,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.2558, -47.7869, 2.8562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 249, 226) }
```

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

```
.background{ background-color: rgb(66, 249,  
226) }
```

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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