

Converting Colors

HunterLab(87.3692, -58.4825,
35.1259)

Have a look what the booklet for
HunterLab(87.3692, -58.4825,
35.1259) contains.

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Color

**HunterLab(87.3659,
-58.5029, 35.1747)**

Conversions

Conversions Part 1

Format	Color
Hex	66FF8F
RGB	102, 255, 143
RGB Percent	40%, 100%, 56%
CMY	0.6000, 0.0000, 0.4392
CMYK	0.60, 0.00, 0.44, 0.00
HSL	136°, 100%, 70%
HSV	136°, 60%, 100%
XYZ	46.1974, 76.3280, 38.2846
YIQ	196.4850, -55.2360, -67.2680

Conversions

Conversions Part 2

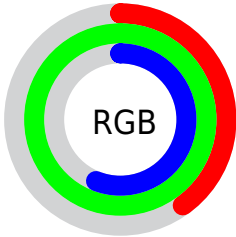
Format	Color
RYB	102, 223, 255
Decimal	6750095
CIELab	90.01, -63.82, 41.61
CIELCh	90, 76.190, 146.893
Yxy	76.3282, 0.2873, 0.4746
Android (android.graphics.Color)	4284940175 (0xFF66FF8F)
YUV	196.4850, -26.3681, -82.8633
Hunter-Lab	87.3659, -58.5029, 35.1747

Details

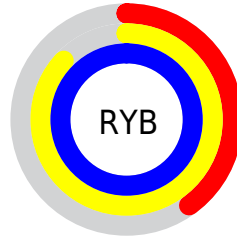
The HunterLab color **87.3659, -58.5029, 35.1747** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **59.6809, 69.4169, -25.2104**, and the grayscale version is **74.6291, -3.9820, 4.0547**.

A 20% lighter version of the original color is **91.4311, -39.9971, 20.9942**, and **63.8428, -50.2351, 29.2684** is the 20% darker color. If you saturate the color by 10%, you get **86.3371, -63.3462, 38.9197**, and if you desaturate by 10%, it is **88.6947, -52.4171, 30.9884**.

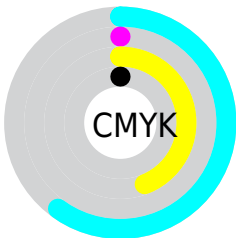
Distribution



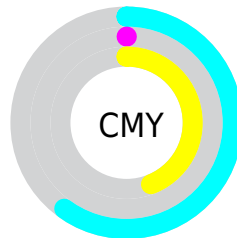
- Red (40%)
- Green (100%)
- Blue (56%)



- Red (40%)
- Yellow (87%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.3659, -58.5029, 35.1747 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 87.3659, -58.5029, 35.1747 by changing the saturation by 10% instead.


 87.3659, -58.5029,
35.1747

 87.3659, -58.5029,
35.1747


219.6521,
-89.9634, 58.1540


 75.3005, -54.4802,
32.3164


 113.2213,
-66.1146, 40.6324

 63.8481, -50.2747,
29.3488


 126.9628,
-69.7483, 43.2610

 53.0435, -45.8438,
26.2460


 141.2191,
-73.2888, 45.8363

 42.9282, -41.1304,
22.9754


155.9724,
-76.7486, 48.3664

 33.5528, -36.0539,
19.4950

171.2065,
-80.1380, 50.8581

 24.9811, -30.4959,
15.8061

186.9065,

 17.2971, -24.6180,

-83.4656, 53.3169

12.1080

203.0592,
-86.7387, 55.7476

■ 10.6184, -18.5823,
7.4329

■ 0.3565, -0.6239,
0.2496

■ 87.3659, -58.5029,
35.1747

■ 87.3659, -58.5029,
35.1747

■ 86.3371, -63.3462,
38.9197

■ 88.6947, -52.4171,
30.9884

■ 85.5907, -66.9687,
42.1847

■ 90.3335, -45.1158,
26.4144

■ 85.1007, -69.4433,
44.9403

■ 92.2865, -36.6599,
21.5102

■ 84.8183, -70.9576,
47.1617

■ 94.5528, -27.1383,
16.3378

■ 84.8183, -70.9577,
47.1618

■ 97.1269, -16.6580,
10.9591

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



87.3660, -35.7377, 47.1713



87.3659, -58.5029, 35.1747



87.3660, -67.0586, 8.4924

Triad

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



87.3660, -58.5023, 35.1739



87.3660, -8.6485, -99.0519



87.3660, 71.7789, 31.0213

Complementary

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



87.3659, -58.5029, 35.1747



59.6809, 69.4169, -25.2104

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.



87.3660, 82.3781, 0.8460



87.3659, -58.5029, 35.1747



87.3660, 31.4638, -84.4296

Square

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



87.3660, -58.5023, 35.1739



87.3660, -41.5872, -77.3545



87.3660, 66.5182, -43.2050



87.3660, 39.6309, 45.6077

Rectangle

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



87.3659, -58.5029, 35.1747



87.3660, -64.8935, -18.3226



87.3660, 66.5182, -43.2050



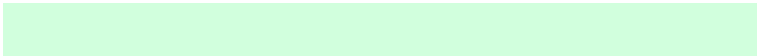
87.3660, 78.1979, 22.8686

Sweetspot

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



87.3660, -58.5023, 35.1739



95.0430, -25.1160, 15.2770



93.1696, -36.6986, 48.7685



43.6430, -12.9757, 7.7809

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3660, -58.5023, 35.1739



86.1658, -64.1672, 39.6125



89.1489, -47.7569, 9.3876



44.9979, -7.4563, 4.9451



61.3286, -51.1850, 33.8382



19.1817, -15.6902, 9.8952

Inverse Universe

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



59.6809, 69.4169, -25.2104



55.0127, 81.0017, -27.4773



57.0872, 58.1802, 11.3404



42.6760, 3.0006, -0.1815



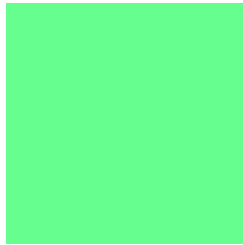
36.0585, 67.0021, -17.4023



11.3321, 21.1940, -6.5326

Previews

White Background



This preview shows how the HunterLab color 87.3659, -58.5029, 35.1747 looks on a white background.

Color Contrast Check

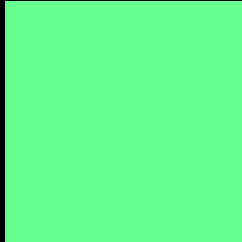
Large Text (above 18pt) WCAG AA × Fail

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 87.3659, -58.5029, 35.1747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

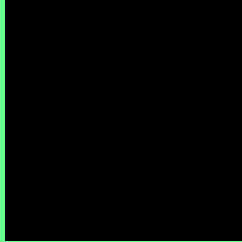
Any Text WCAG AA ✓ Pass

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 87.3659, -58.5029, 35.1747 Background



This preview shows how black text looks on a background with the HunterLab color 87.3659, -58.5029, 35.1747.



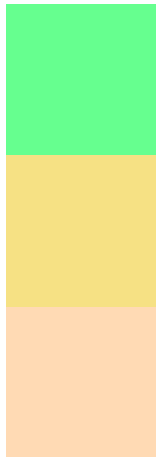
This preview shows how white text looks on a background with the HunterLab color 87.3659, -58.5029, 35.1747.

-58.5029, 35.1747.

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

87.3659, -58.5029, 35.1747

Protanopia

86.6656, -9.3515, 38.3049

Deuteranopia

86.4281, 2.7183, 23.6825



Tritanopia

87.1330, -24.5807, -11.1156

Trichromacy



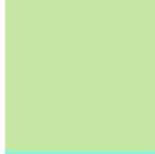
Original Color

87.3659, -58.5029, 35.1747



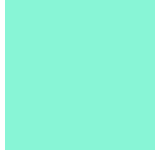
Protanomaly

85.5791, -31.5252, 36.0442



Deuteranomaly

84.9023, -24.3174, 26.3602



Tritanomaly

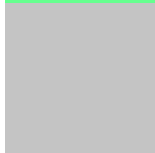
86.8298, -39.0025, 9.3808

Monochromacy



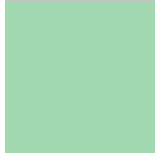
Original Color

87.3659, -58.5029, 35.1747



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.7698, -26.7316, 15.7423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3659, -58.5029, 35.1747 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(102, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 143)  
}
```

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(102, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3659, -58.5029, 35.1747 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(102, 255, 143) }
```


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

```
.border{ border-color:rgb(102, 255, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 255, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 255, 143); box-shadow:4px 4px 4px 4px rgb(102, 255, 143) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3659, -58.5029, 35.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 143) }
```

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

```
.background{ background-color: rgb(102,  
255, 143) }
```

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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