

Converting Colors

HunterLab(87.5930, -57.1209,
31.8631)

Have a look what the booklet for
HunterLab(87.5930, -57.1209,
31.8631) contains.

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Color

**HunterLab(87.5850,
-57.1691, 31.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	66FF9B
RGB	102, 255, 155
RGB Percent	40%, 100%, 61%
CMY	0.6000, 0.0000, 0.3921
CMYK	0.60, 0.00, 0.39, 0.00
HSL	141°, 100%, 70%
HSV	141°, 60%, 100%
XYZ	47.1559, 76.7113, 43.3318
YIQ	197.8530, -59.0880, -63.5360

Conversions

Conversions Part 2

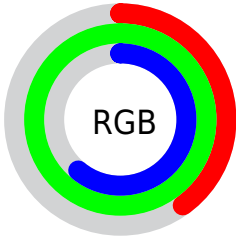
Format	Color
RYB	102, 216, 255
Decimal	6750107
CIELab	90.19, -61.88, 35.97
CIELCh	90, 71.579, 149.832
Yxy	76.7116, 0.2820, 0.4588
Android (android.graphics.Color)	4284940187 (0xFF66FF9B)
YUV	197.8530, -21.1265, -84.0631
Hunter-Lab	87.5850, -57.1691, 31.9764

Details

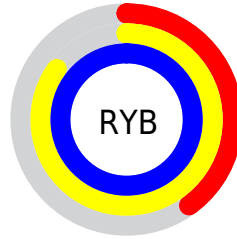
The HunterLab color **87.5850, -57.1691, 31.9764** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **59.1840, 67.2921, -18.3300**, and the grayscale version is **75.1903, -4.0120, 4.0852**.

A 20% lighter version of the original color is **91.7456, -38.1573, 16.4619**, and **64.0292, -49.1015, 26.7127** is the 20% darker color. If you saturate the color by 10%, you get **86.5574, -61.9910, 35.6933**, and if you desaturate by 10%, it is **88.9025, -51.1687, 27.9671**.

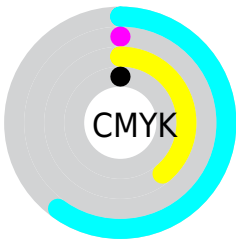
Distribution



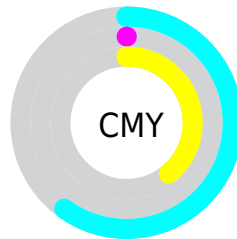
- Red (40%)
- Green (100%)
- Blue (61%)



- Red (40%)
- Yellow (85%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5850, -57.1691, 31.9764 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 87.5850, -57.1691, 31.9764 by changing the saturation by 10% instead.


 87.5850, -57.1691,
31.9764


 87.5850, -57.1691,
31.9764


219.9500,
-87.8235, 52.6259


 75.5091, -53.2609,
29.4469


 113.4602,
-64.5716, 36.8308

 64.0455, -49.1782,
26.8298


 127.2110,
-68.1088, 39.1803

 53.2291, -44.8800,
24.1024


 141.4763,
-71.5573, 41.4895

 43.1011, -40.3116,
21.2357

156.2383,
-74.9290, 43.7648

 33.7122, -35.3953,
18.1905

171.4807,
-78.2339, 46.0120

 25.1256, -30.0170,
14.9142

187.1889,

 17.4250, -24.2079,

-81.4801, 48.2354

12.1975

203.3494,
-84.6747, 50.4390

■ 10.7271, -18.7725,
7.5090

■ 1.4453, -2.5293,
1.0117

■ 87.5850, -57.1691,
31.9764

■ 87.5850, -57.1691,
31.9764

■ 86.5574, -61.9910,
35.6933

■ 88.9025, -51.1687,
27.9671

■ 85.8026, -65.6550,
39.0727


■ 90.5195, -44.0151,
23.7200


■ 85.2954, -68.2296,
42.0736

■ 92.4405, -35.7646,
19.2895

■ 84.9883, -69.8943,
44.6538

■ 94.6646, -26.4999,
14.7306

 84.9883, -69.8944,
44.6540

 97.1872, -16.3205,
10.0959

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.



87.5851, -36.7301, 44.9916



87.5850, -57.1691, 31.9764



87.5851, -64.0586, 4.9620

Triad

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



87.5851, -57.1685, 31.9757



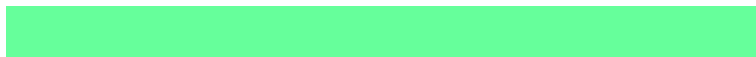
87.5851, -4.8826, -90.8566



87.5851, 64.3743, 31.7574

Complementary

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



87.5850, -57.1691, 31.9764



59.1840, 67.2921, -18.3300

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.



87.5851, 76.5071, 4.5726



87.5850, -57.1691, 31.9764



87.5851, 32.7699, -74.4801

Square

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



87.5851, -57.1685, 31.9757



87.5851, -37.0313, -74.1312



87.5851, 64.1105, -35.5367



87.5851, 33.1820, 44.9064

Rectangle

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



87.5850, -57.1691, 31.9764



87.5851, -61.0838, -20.8477



87.5851, 64.1105, -35.5367



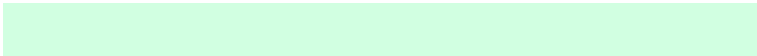
87.5851, 71.0229, 24.4142

Sweetspot

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



87.5851, -57.1685, 31.9757



95.1452, -24.5348, 13.8086



92.3671, -39.7777, 48.1505



43.6967, -12.6688, 7.0090

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5851, -57.1685, 31.9757



86.3852, -62.8155, 36.3980



89.4595, -45.9087, 4.9483



45.0245, -7.3076, 4.5643



61.4549, -50.3953, 31.9757



19.2273, -15.4059, 9.2244

Inverse Universe

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



59.1840, 67.2921, -18.3300



54.4028, 78.5828, -19.0705



56.8407, 57.0918, 14.9012



42.6464, 2.8425, 0.2382



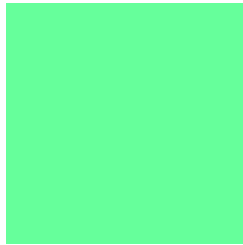
35.4816, 64.9361, -9.4197



11.1643, 20.5951, -4.2274

Previews

White Background



This preview shows how the HunterLab color 87.5850, -57.1691, 31.9764 looks on a white background.

Color Contrast Check

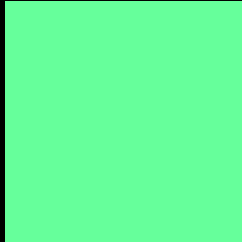
Large Text (above 18pt) WCAG AA × Fail

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 87.5850, -57.1691, 31.9764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

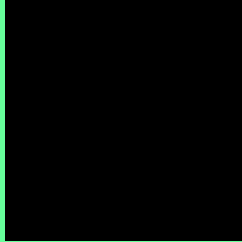
Any Text WCAG AA ✓ Pass

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 87.5850, -57.1691, 31.9764 Background



This preview shows how black text looks on a background with the HunterLab color 87.5850, -57.1691, 31.9764.



This preview shows how white text looks on a background with the HunterLab color 87.5850,

-57.1691, 31.9764.

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

87.5850, -57.1691, 31.9764

Protanopia

86.7445, -8.7071, 35.5372

Deuteranopia

86.5480, 3.3649, 21.9462



Tritanopia

87.2474, -24.1568, -10.9533

Trichromacy



Original Color

87.5850, -57.1691, 31.9764



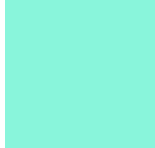
Protanomaly

85.6942, -30.7049, 33.1684



Deuteranomaly

85.0588, -23.4245, 24.0899



Tritanomaly

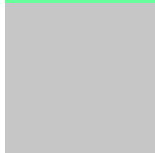
87.0274, -37.9398, 7.3038

Monochromacy



Original Color

87.5850, -57.1691, 31.9764



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

78.6301, -26.6408, 14.6145

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5850, -57.1691, 31.9764 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5850, -57.1691, 31.9764 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, 155) }
```


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

```
.border{ border-color:rgb(102, 255, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5850, -57.1691, 31.9764 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, 155) }
```

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

```
.background{ background-color: rgb(102,  
255, 155) }
```

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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