

Converting Colors

HunterLab(87.2284, -59.3416,
37.1857)

Have a look what the booklet for
HunterLab(87.2284, -59.3416,
37.1857) contains.

HunterLab(87.2319, -59.3200, 37.1339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(87.2319,
-59.3200, 37.1339)**

Conversions

Conversions Part 1

Format	Color
Hex	66FF87
RGB	102, 255, 135
RGB Percent	40%, 100%, 53%
CMY	0.6000, 0.0000, 0.4706
CMYK	0.60, 0.00, 0.47, 0.00
HSL	133°, 100%, 70%
HSV	133°, 60%, 100%
XYZ	45.6127, 76.0940, 35.2053
YIQ	195.5730, -52.6680, -69.7560

Conversions

Conversions Part 2

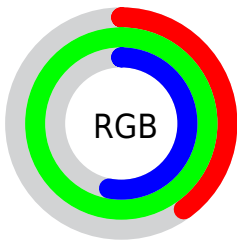
Format	Color
RYB	102, 228, 255
Decimal	6750087
CIELab	89.90, -65.02, 45.32
CIELCh	90, 79.254, 145.123
Yxy	76.0942, 0.2907, 0.4849
Android (android.graphics.Color)	4284940167 (0xFF66FF87)
YUV	195.5730, -29.8625, -82.0635
Hunter-Lab	87.2319, -59.3200, 37.1339

Details

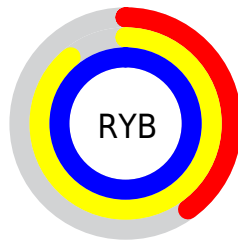
The HunterLab color **87.2319, -59.3200, 37.1339** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **60.0307, 70.9050, -30.0213**, and the grayscale version is **74.2554, -3.9621, 4.0344**.

A 20% lighter version of the original color is **91.2343, -41.1523, 23.8394**, and **63.7180, -50.9907, 30.9421** is the 20% darker color. If you saturate the color by 10%, you get **86.2062, -64.1532, 40.8405**, and if you desaturate by 10%, it is **88.5648, -53.1991, 32.8810**.

Distribution



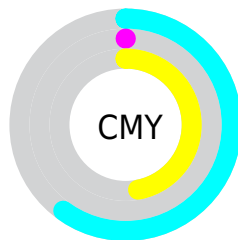
- Red (40%)
- Green (100%)
- Blue (53%)



- Red (40%)
- Yellow (89%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.2319, -59.3200, 37.1339 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 87.2319, -59.3200, 37.1339 by changing the saturation by 10% instead.


 87.2319, -59.3200,
37.1339


 87.2319, -59.3200,
37.1339


219.4699,
-91.2815, 61.6666


 75.1730, -55.2262,
34.0570


 113.0752,
-67.0618, 42.9937

 63.7274, -50.9443,
30.8568


 126.8110,
-70.7555, 45.8083

 52.9300, -46.4309,
27.5057


 141.0619,
-74.3532, 48.5611

 42.8225, -41.6273,
23.9698

155.8099,
-77.8677, 51.2613

 33.4554, -36.4511,
20.2068

171.0388,
-81.3096, 53.9161

 24.8929, -30.7815,
16.3862


186.7339,

 17.2191, -24.8773,


-84.6877, 56.5319


12.0534


202.8817,
-88.0096, 59.1139


 10.5521, -18.4662,
7.3865


0.0000, NaN, NaN


 87.2319, -59.3200,
37.1339


 87.2319, -59.3200,
37.1339


 86.2062, -64.1532,
40.8405


 88.5648, -53.1991,
32.8810


 85.4694, -67.7221,
43.9692

 90.2151, -45.8177,
28.1325

 84.9948, -70.1047,
46.5021

 92.1871, -37.2391,
22.9469

 84.7325, -71.4957,
48.4305

 94.4796, -27.5562,
17.3899

■ 84.7324, -71.4958,
48.4306

■ 97.0870, -16.8810,
11.5298

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.



87.2320, -35.0342, 48.4672



87.2319, -59.3200, 37.1339



87.2320, -68.9455, 10.7550

Triad

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



87.2320, -59.3195, 37.1332



87.2320, -11.1162, -104.4708



87.2320, 76.6807, 30.4968

Complementary

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



87.2319, -59.3200, 37.1339



60.0307, 70.9050, -30.0213

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.



87.2320, 86.2013, -1.7186



87.2319, -59.3200, 37.1339



87.2320, 30.5409, -91.1542

Square

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



87.2320, -59.3195, 37.1332



87.2320, -44.5068, -79.3752



87.2320, 68.0166, -48.4510



87.2320, 43.9407, 46.0278

Rectangle

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



87.2319, -59.3200, 37.1339



87.2320, -67.2997, -16.6316



87.2320, 68.0166, -48.4510



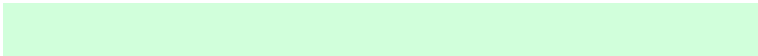
87.2320, 82.9271, 21.7951

Sweetspot

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



87.2320, -59.3195, 37.1332



94.9760, -25.4974, 16.2404



94.0163, -33.4809, 49.4187



43.6079, -13.1765, 8.2858

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.2320, -59.3195, 37.1332



86.0363, -64.9668, 41.5136



88.8557, -49.5076, 13.5919



44.9803, -7.5546, 5.1970



61.2639, -51.5905, 34.7946



19.1564, -15.8483, 10.2680

Inverse Universe

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



60.0307, 70.9050, -30.0213



55.4475, 82.7163, -33.4173



57.3568, 59.3664, 7.4634



42.6958, 3.1069, -0.4633



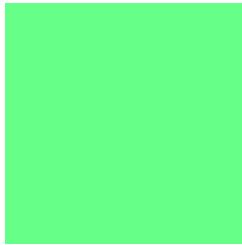
36.4839, 68.5149, -23.2085



11.4539, 21.6255, -8.1835

Previews

White Background



This preview shows how the HunterLab color 87.2319, -59.3200, 37.1339 looks on a white background.

Color Contrast Check

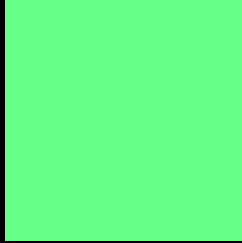
Large Text (above 18pt) WCAG AA × Fail

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 87.2319, -59.3200, 37.1339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

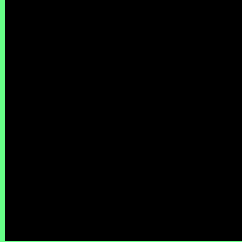
Any Text WCAG AA ✓ Pass

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 87.2319, -59.3200, 37.1339 Background



This preview shows how black text looks on a background with the HunterLab color 87.2319, -59.3200, 37.1339.



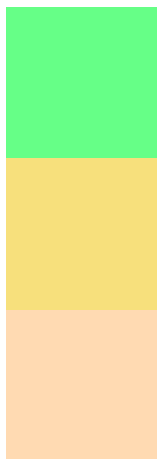
This preview shows how white text looks on a background with the HunterLab color 87.2319, -59.3200, 37.1339.

-59.3200, 37.1339.

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

87.2319, -59.3200, 37.1339

Protanopia

86.3370, -9.1540, 39.9451

Deuteranopia

86.3812, 2.4657, 24.3611



Tritanopia

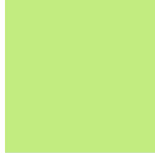
86.7405, -24.3092, -11.6440

Trichromacy



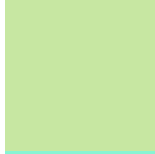
Original Color

87.2319, -59.3200, 37.1339



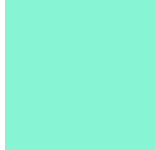
Protanomaly

85.1143, -31.8169, 37.6642



Deuteranomaly

84.7954, -24.9283, 27.9133



Tritanomaly

86.3455, -39.2644, 10.2008

Monochromacy



Original Color

87.2319, -59.3200, 37.1339



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.6937, -27.1709, 16.8399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2319, -59.3200, 37.1339 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2319, -59.3200, 37.1339 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, 135) }
```


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

```
.border{ border-color:rgb(102, 255, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 135);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2319, -59.3200, 37.1339 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, 135) }
```

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

```
.background{ background-color: rgb(102,  
255, 135) }
```

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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