

Converting Colors

HunterLab(87.1973, -59.5368,
37.6817)

Have a look what the booklet for
HunterLab(87.1973, -59.5368,
37.6817) contains.

HunterLab(87.1999, -59.5154, 37.6024)	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(87.1999,
-59.5154, 37.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	66FF85
RGB	102, 255, 133
RGB Percent	40%, 100%, 52%
CMY	0.6000, 0.0000, 0.4784
CMYK	0.60, 0.00, 0.48, 0.00
HSL	132°, 100%, 70%
HSV	132°, 60%, 100%
XYZ	45.4731, 76.0382, 34.4704
YIQ	195.3450, -52.0260, -70.3780

Conversions

Conversions Part 2

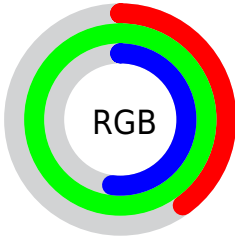
Format	Color
RYB	102, 229, 255
Decimal	6750085
CIELab	89.88, -65.31, 46.24
CIElCh	90, 80.017, 144.702
Yxy	76.0384, 0.2915, 0.4875
Android (android.graphics.Color)	4284940165 (0xFF66FF85)
YUV	195.3450, -30.7361, -81.8636
Hunter-Lab	87.1999, -59.5154, 37.6024

Details

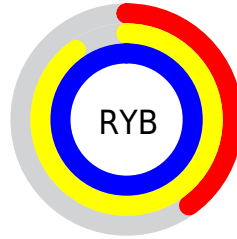
The HunterLab color **87.1999, -59.5154, 37.6024** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **60.1206, 71.2859, -31.2518**, and the grayscale version is **74.1620, -3.9571, 4.0294**.

A 20% lighter version of the original color is **91.1867, -41.4322, 24.5287**, and **63.6944, -51.1373, 31.2883** is the 20% darker color. If you saturate the color by 10%, you get **86.1754, -64.3431, 41.2926**, and if you desaturate by 10%, it is **88.5334, -53.3884, 33.3391**.

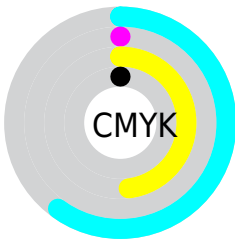
Distribution



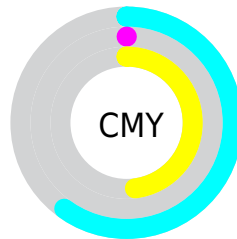
- Red (40%)
- Green (100%)
- Blue (52%)



- Red (40%)
- Yellow (90%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.1999, -59.5154, 37.6024 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 87.1999, -59.5154, 37.6024 by changing the saturation by 10% instead.


 87.1999, -59.5154,
37.6024

 87.1999, -59.5154,
37.6024


219.4263,
-91.5975, 62.5225


 75.1425, -55.4045,
34.4710


 113.0404,
-67.2886, 43.5624

 63.6986, -51.1042,
31.2130


 126.7748,
-70.9967, 46.4234

 52.9029, -46.5709,
27.8004


 141.0243,
-74.6082, 49.2205

 42.7972, -41.7456,
24.1989

155.7711,
-78.1358, 51.9630

 33.4322, -36.5454,
20.3665

170.9988,
-81.5903, 54.6586

 24.8718, -30.8489,
16.5309

186.6927,

 17.2005, -24.9403,

-84.9806, 57.3135

12.0403

202.8393,
-88.3142, 59.9333

■ 10.5363, -18.4385,
7.3754

0.0000, NaN, NaN

■ 87.1999, -59.5154,
37.6024

■ 87.1999, -59.5154,
37.6024

■ 86.1754, -64.3431,
41.2926

■ 88.5334, -53.3884,
33.3391

■ 85.4415, -67.8956,
44.3801

■ 90.1862, -45.9892,
28.5523

■ 84.9712, -70.2523,
46.8506

■ 92.1627, -37.3817,
23.3006

■ 84.7142, -71.6100,
48.7002

■ 94.4615, -27.6597,
17.6506

■ 84.7142, -71.6101,
48.7003

■ 97.0771, -16.9365,
11.6719

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.



87.2000, -34.8535, 48.7725



87.1999, -59.5154, 37.6024



87.2000, -69.4030, 11.3085

Triad

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



87.2000, -59.5149, 37.6017



87.2000, -11.7267, -105.8170



87.2000, 77.8996, 30.3617

Complementary

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



87.1999, -59.5154, 37.6024



60.1206, 71.2859, -31.2518

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.



87.2000, 87.1443, -2.3687



87.1999, -59.5154, 37.6024



87.2000, 30.3045, -92.8431

Square

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



87.2000, -59.5149, 37.6017



87.2000, -45.2212, -79.8637



87.2000, 68.3776, -49.7767



87.2000, 45.0176, 46.1272

Rectangle

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



87.1999, -59.5154, 37.6024



87.2000, -67.8844, -16.2090



87.2000, 68.3776, -49.7767



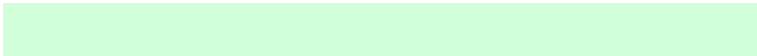
87.2000, 84.1005, 21.5218

Sweetspot

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



87.2000, -59.5149, 37.6017



94.9594, -25.5920, 16.4793



94.0163, -33.4809, 49.4187



43.5993, -13.2262, 8.4108

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.2000, -59.5149, 37.6017



86.0060, -65.1542, 41.9593



88.8557, -49.5076, 13.5919



44.9759, -7.5791, 5.2597



61.2500, -51.6776, 35.0000



19.1507, -15.8840, 10.3523

Inverse Universe

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



60.1206, 71.2859, -31.2518



55.5598, 83.1576, -34.9435



57.3568, 59.3664, 7.4634



42.7008, 3.1335, -0.5340



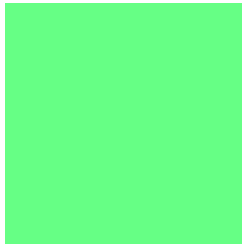
36.5953, 68.9098, -24.7187



11.4855, 21.7374, -8.6101

Previews

White Background



This preview shows how the HunterLab color 87.1999, -59.5154, 37.6024 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 87.1999, -59.5154, 37.6024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

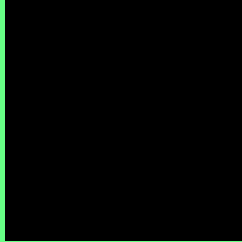
Any Text WCAG AA ✓ Pass

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 87.1999, -59.5154, 37.6024 Background



This preview shows how black text looks on a background with the HunterLab color 87.1999, -59.5154, 37.6024.



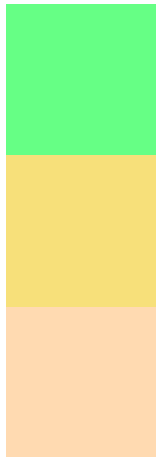
This preview shows how white text looks on a background with the HunterLab color 87.1999, -59.5154, 37.6024.

-59.5154, 37.6024.

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

87.1999, -59.5154, 37.6024

Protanopia

86.3079, -9.3145, 40.3710

Deuteranopia

86.3581, 2.3406, 24.6970



Tritanopia

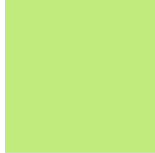
86.7405, -24.3092, -11.6440

Trichromacy



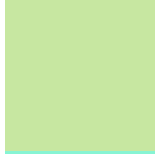
Original Color

87.1999, -59.5154, 37.6024



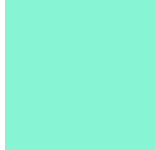
Protanomaly

85.0837, -31.9946, 38.1133



Deuteranomaly

84.7745, -25.0478, 28.2171



Tritanomaly

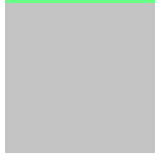
86.3455, -39.2644, 10.2008

Monochromacy



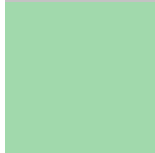
Original Color

87.1999, -59.5154, 37.6024



Achromatopsia

73.8732, -3.9417, 4.0137



Achromatomaly

77.5766, -27.7129, 17.4877

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1999, -59.5154, 37.6024 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1999, -59.5154, 37.6024 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, 133) }
```


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

```
.border{ border-color:rgb(102, 255, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1999, -59.5154, 37.6024 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, 133) }
```

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

```
.background{ background-color: rgb(102,  
255, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor