

Converting Colors

HunterLab(87.0441, -60.4680,
39.8860)

Have a look what the booklet for
HunterLab(87.0441, -60.4680,
39.8860) contains.

| | |
|--|----|
| HunterLab(87.0487, -60.4395, 39.8176) | 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(87.0487,
-60.4395, 39.8176)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 66FF7B |
| RGB | 102, 255, 123 |
| RGB Percent | 40%, 100%, 48% |
| CMY | 0.6000, 0.0000, 0.5176 |
| CMYK | 0.60, 0.00, 0.52, 0.00 |
| HSL | 128°, 100%, 70% |
| HSV | 128°, 60%, 100% |
| XYZ | 44.8146, 75.7748, 31.0029 |
| YIQ | 194.2050, -48.8160, -73.4880 |

Conversions

Conversions Part 2

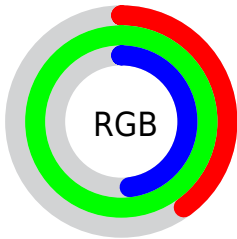
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 237, 255 |
| Decimal | 6750075 |
| CIELab | 89.75, -66.68, 50.76 |
| CIELCh | 90, 83.798, 142.720 |
| Yxy | 75.7750, 0.2956, 0.4999 |
| Android (android.graphics.Color) | 4284940155 (0xFF66FF7B) |
| YUV | 194.2050, -35.1041, -80.8638 |
| Hunter-Lab | 87.0487, -60.4395, 39.8176 |

Details

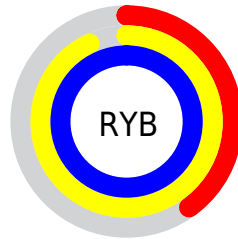
The HunterLab color **87.0487, -60.4395, 39.8176** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **60.5833, 73.2428, -37.5649**, and the grayscale version is **73.6954, -3.9322, 4.0040**.

A 20% lighter version of the original color is **90.9581, -42.7784, 27.8439**, and **63.5766, -51.8513, 32.8642** is the 20% darker color. If you saturate the color by 10%, you get **86.0330, -65.2226, 43.3858**, and if you desaturate by 10%, it is **88.3827, -54.2978, 35.5393**.

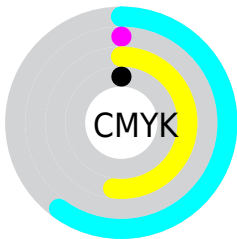
Distribution



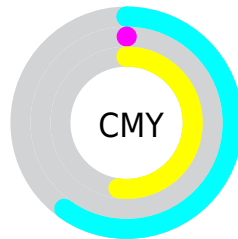
- Red (40%)
- Green (100%)
- Blue (48%)



- Red (40%)
- Yellow (93%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0487, -60.4395, 39.8176 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 87.0487, -60.4395, 39.8176 by changing the saturation by 10% instead.

87.0487, -60.4395,
39.8176

87.0487, -60.4395,
39.8176

219.2207,
-93.0962, 66.6620

74.9987, -56.2469,
36.4166

112.8755,
-68.3620, 46.2748

63.5624, -51.8590,
32.8727

126.6035,
-72.1389, 49.3662

52.7750, -47.2308,
29.1565

140.8469,
-75.8160, 52.3834

42.6780, -42.3021,
25.2334

155.5876,
-79.4064, 55.3367

33.3224, -36.9875,
21.0639

170.8095,
-82.9211, 58.2345

24.7724, -31.1630,
17.2497


186.4978,

17.1125, -25.2429,


-86.3694, 61.0840


11.9788


202.6390,
-89.7589, 63.8915


 10.4616, -18.3079,
7.3231


0.0000, NaN, NaN


 87.0487, -60.4395,
39.8176


 87.0487, -60.4395,
39.8176


 86.0330, -65.2226,
43.3858


 88.3827, -54.2978,
35.5393


 85.3161, -68.6759,
46.2279

 90.0458, -46.8231,
30.5931

 84.8696, -70.8876,
48.3506

 92.0427, -38.0816,
25.0364

 84.6412, -72.0679,
49.7797

 94.3720, -28.1717,
18.9393

■ 84.6412, -72.0679,
49.7798

■ 97.0277, -17.2129,
12.3788

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.



87.0488, -33.9259, 50.1905



87.0487, -60.4395, 39.8176



87.0488, -71.6042, 13.9962

Triad

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



87.0488, -60.4390, 39.8169



87.0488, -14.7324, -112.4770



87.0488, 83.9386, 29.6653

Complementary

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



87.0487, -60.4395, 39.8176



60.5833, 73.2428, -37.5649

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.



87.0488, 91.7702, -5.6633



87.0487, -60.4395, 39.8176



87.0488, 29.0940, -101.3070

Square

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



87.0488, -60.4390, 39.8169



87.0488, -48.6945, -82.2024



87.0488, 70.0991, -56.4690



87.0488, 50.3826, 46.5915

Rectangle

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



87.0487, -60.4395, 39.8176



87.0488, -70.7036, -14.1056



87.0488, 70.0991, -56.4690



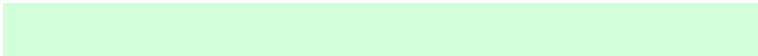
87.0488, 89.8988, 20.1297

Sweetspot

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



87.0488, -60.4390, 39.8169



94.8772, -26.0602, 17.6621



94.9071, -30.1302, 50.1007



43.5564, -13.4718, 9.0284

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0488, -60.4390, 39.8169



85.8664, -66.0180, 44.0126



88.5798, -51.1610, 17.5610



44.9542, -7.7009, 5.5718



61.1935, -52.0317, 35.8349



19.1255, -16.0421, 10.7251

Inverse Universe

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



60.5833, 73.2428, -37.5649



56.1420, 85.4375, -42.8124



57.6498, 60.6509, 3.2706



42.7258, 3.2674, -0.8891



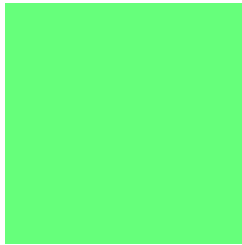
37.1824, 70.9816, -32.6056



11.6510, 22.3200, -10.8225

Previews

White Background



This preview shows how the HunterLab color 87.0487, -60.4395, 39.8176 looks on a white background.

Color Contrast Check

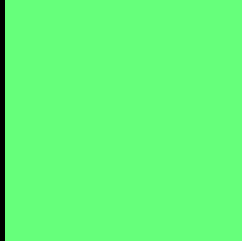
Large Text (above 18pt) WCAG AA × Fail

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 87.0487, -60.4395, 39.8176 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 87.0487, -60.4395, 39.8176 Background



This preview shows how black text looks on a background with the HunterLab color 87.0487, -60.4395, 39.8176.



This preview shows how white text looks on a background with the HunterLab color 87.0487, -60.4395, 39.8176.

-60.4395, 39.8176.

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

87.0487, -60.4395, 39.8176

Protanopia

86.1845, -9.9979, 42.1839

Deuteranopia

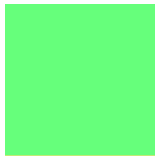
85.9894, 2.4930, 25.4191



Tritanopia

86.6841, -24.5181, -11.7245

Trichromacy



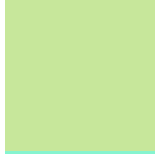
Original Color

87.0487, -60.4395, 39.8176



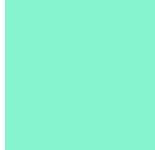
Protanomaly

84.9531, -32.7526, 40.0287



Deuteranomaly

84.6525, -25.7460, 29.9923



Tritanomaly

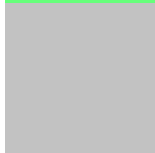
86.1828, -40.1263, 11.7918

Monochromacy



Original Color

87.0487, -60.4395, 39.8176



Achromatopsia

73.4493, -3.9191, 3.9906



Achromatomaly

77.1466, -27.8285, 18.5791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0487, -60.4395, 39.8176 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0487, -60.4395, 39.8176 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, 123) }
```


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

```
.border{ border-color:rgb(102, 255, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 123);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0487, -60.4395, 39.8176 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, 123) }
```

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

```
.background{ background-color: rgb(102,  
255, 123) }
```

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