Converting Colors

HunterLab(87.4999, -57.6876, 33.2241)

Have a look what the booklet for HunterLab(87.4999, -57.6876, 33.2241) contains.

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Color

HunterLab(87.4910, -57.7407, 33.3471)

Conversions

Conversions Part 1

Format	Color
Hex	66FF96
RGB	102, 255, 150
RGB Percent	40%, 100%, 59%
CMY	0.6000, 0.0000, 0.4118
CMYK	0.60, 0.00, 0.41, 0.00
HSL	139°, 100%, 70%
HSV	139°, 60%, 100%
XYZ	46.7445, 76.5468, 41.1655
YIQ	197.2830, -57.4830, -65.0910

Conversions

Conversions Part 2

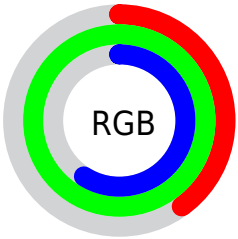
Format	Color
RYB	102, 218, 255
Decimal	6750102
CIELab	90.11, -62.71, 38.33
CIELCh	90, 73.499, 148.563
Yxy	76.5470, 0.2842, 0.4654
Android (android.graphics.Color)	4284940182 (0xFF66FF96)
YUV	197.2830, -23.3105, -83.5632
Hunter-Lab	87.4910, -57.7407, 33.3471

Details

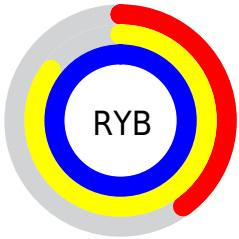
The HunterLab color 87.4910, -57.7407, 33.3471 is a light color, and the websafe version is hex 66FF99. A complement of this color would be 59.3869, 68.1617, -21.1473, and the grayscale version is 74.9563, -3.9995, 4.0725.

A 20% lighter version of the original color is 91.6117, -38.9396, 18.3890, and 63.9473, -49.5976, 27.8220 is the 20% darker color. If you saturate the color by 10%, you get 86.4621, -62.5770, 37.0885, and if you desaturate by 10%, it is 88.8140, -51.6999, 29.2527.

Distribution

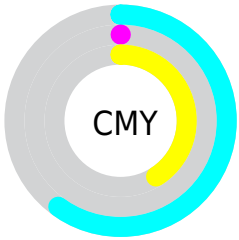


- Red (40%)
- Green (100%)
- Blue (59%)



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

- Cyan (60%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4910, -57.7407, 33.3471 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 87.4910, -57.7407, 33.3471 by changing the saturation by 10% instead.

87.4910, -57.7407, 33.3471

87.4910, -57.7407, 33.3471

219.8222, -88.7389, 54.9661

75.4196, -53.7838, 30.6807

113.3578, -65.2324, 38.4526

63.9608, -49.6486, 27.9176

127.1045, -68.8108, 40.9182

53.1494, -45.2939, 25.0336

141.3660, -72.2985, 43.3381

43.0269, -40.6637, 21.9981

156.1243, -75.7078, 45.7195

33.6438, -35.6791, 18.7703

171.3631, -79.0487, 48.0684

25.0636, -30.2242, 15.2979

187.0678,

17.3701, -24.3817,

-82.3296, 50.3898

203.2250, -85.5577, 52.6878

12.1591

10.6805, -18.6908, 7.4763

1.1170, -1.9548, 0.7819

87.4910, -57.7407, 33.3471

87.4910, -57.7407, 33.3471

86.4621, -62.5770, 37.0885

88.8140, -51.6999, 29.2527

85.7098, -66.2296, 40.4338

90.4408, -44.4807, 24.8598

85.2089, -68.7684, 43.3463

92.3756, -36.1415, 20.2244

84.9113, -70.3760, 45.7900

94.6177, -26.7676, 15.4045

84.9113, -70.3761, 45.7901

97.1620, -16.4616, 10.4566

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.

87.4911, -36.3263, 45.9352

87.4910, -57.7407, 33.3471

87.4911, -65.3332, 6.4518

Triad

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

87.4911, -57.7401, 33.3464

87.4911, -6.4597, -94.2776

87.4911, 67.4645, 31.4584

Complementary

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

87.4910, -57.7407, 33.3471

59.3869, 68.1617, -21.1473

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.

87.4911, 78.9713, 3.0386

87.4910, -57.7407, 33.3471

87.4911, 32.2380, -78.6015

Square

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

87.4911, -57.7401, 33.3464

87.4911, -38.9544, -75.5014

87.4911, 65.1367, -38.6996

87.4911, 35.8645, 45.2093

Rectangle

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

87.4910, -57.7407, 33.3471

87.4911, -62.7001, -19.7986

87.4911, 65.1367, -38.6996

87.4911, 74.0218, 23.7801

Sweetspot

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

87.4911, -57.7401, 33.3464

95.1024, -24.7783, 14.4238

92.7628, -38.2558, 48.4555

43.6742, -12.7975, 7.3327

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

87.4911, -57.7401, 33.3464

86.2901, -63.4012, 37.7908

89.3020, -46.8450, 7.1973

45.0134, -7.3697, 4.7234

61.3979, -50.7516, 32.8161

19.2072, -15.5314, 9.5204

Inverse Universe

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

59.3869, 68.1617, -21.1473

54.6507, 79.5682, -22.4988

56.9610, 57.6238, 13.1603

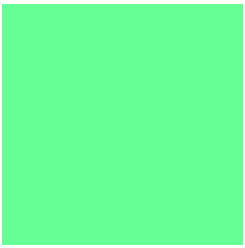
42.6587, 2.9082, 0.0638

35.7131, 65.7669, -12.6374

11.2321, 20.8375, -5.1624

Previews

White Background

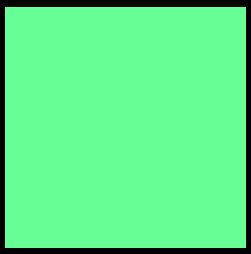


This preview shows how the HunterLab color 87.4910, -57.7407, 33.3471 looks on a white background.

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 87.4910, -57.7407, 33.3471 looks on a black background.

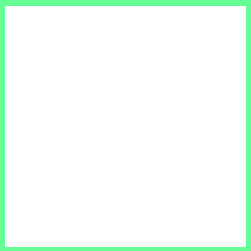
Color Contrast Check

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 87.4910, -57.7407, 33.3471 Background

This preview shows how black text looks on a background with the HunterLab color 87.4910, -57.7407, 33.3471.



This preview shows how white text looks on a background with the HunterLab color 87.4910,

-57.7407, 33.3471.

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

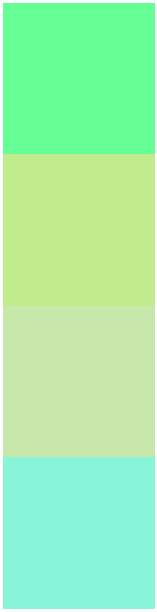
Original Color
87.4910, -57.7407, 33.3471

Protanopia
86.6590, -9.1795, 36.7874

Deuteranopia
86.4995, 3.1037, 22.6475

Tritanopia
87.1900, -24.3695, -11.0347

Trichromacy



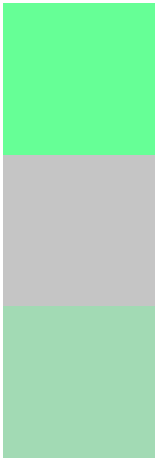
Original Color
87.4910, -57.7407, 33.3471

Protanomaly
85.6045, -31.2238, 34.4779

Deuteranomaly
84.9907, -23.8126, 25.0766

Tritanomaly
86.9188, -38.4797, 8.1064

Monochromacy



Original Color
87.4910, -57.7407, 33.3471

Achromatopsia
74.7222, -3.9870, 4.0598

Achromatomaly
78.1789, -26.7392, 14.9582

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4910, -57.7407, 33.3471 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, 150) looks like.

```
.text, #text, p{
    color:rgb(102, 255, 150)
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4910, -57.7407, 33.3471 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, 150) }
```

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

```
.border{ border-color:rgb(102, 255, 150) }
```

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, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 255, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 255, 150); box-shadow:4px 4px 4px 4px rgb(102, 255, 150) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4910, -57.7407, 33.3471 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, 150) }
```

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

```
.background{ background-color:rgb(102,
255, 150) }
```

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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