

Converting Colors

HunterLab(87.2857, -59.0414,
36.7309)

Have a look what the booklet for
HunterLab(87.2857, -59.0414,
36.7309) contains.

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Color

**HunterLab(87.2982,
-58.9830, 36.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	67FF89
RGB	103, 255, 137
RGB Percent	40%, 100%, 54%
CMY	0.5961, 0.0000, 0.4627
CMYK	0.60, 0.00, 0.46, 0.00
HSL	133°, 100%, 70%
HSV	133°, 60%, 100%
XYZ	45.8689, 76.2098, 35.9593
YIQ	196.1000, -52.7140, -68.9220

Conversions

Conversions Part 2

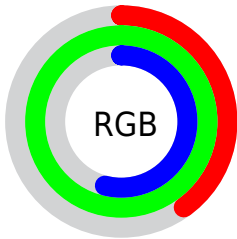
Format	Color
RYB	103, 227, 255
Decimal	6815625
CIELab	89.96, -64.52, 44.44
CIElCh	90, 78.342, 145.442
Yxy	76.2099, 0.2902, 0.4822
Android (android.graphics.Color)	4285005705 (0xFF67FF89)
YUV	196.1000, -29.1363, -81.6487
Hunter-Lab	87.2982, -58.9830, 36.6864

Details

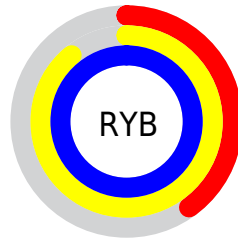
The HunterLab color **87.2982, -58.9830, 36.6864** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **60.1508, 70.2405, -29.1323**, and the grayscale version is **74.4762, -3.9739, 4.0464**.

A 20% lighter version of the original color is **91.3415, -40.6406, 23.2026**, and **63.7887, -50.6189, 30.4319** is the 20% darker color. If you saturate the color by 10%, you get **86.2601, -63.8690, 40.4232**, and if you desaturate by 10%, it is **88.6429, -52.8164, 32.4213**.

Distribution



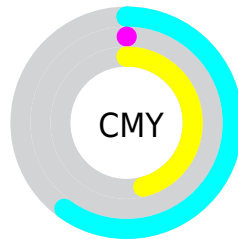
- Red (40%)
- Green (100%)
- Blue (54%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.2982, -58.9830, 36.6864 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 87.2982, -58.9830, 36.6864 by changing the saturation by 10% instead.


 87.2982, -58.9830,
36.6864

 87.2982, -58.9830,
36.6864


219.5600,
-90.7345, 60.8468


 75.2361, -54.9191,
33.6619


 113.1475,
-66.6702, 42.4497

 63.7871, -50.6693,
30.5175


 126.8861,
-70.3388, 45.2197

 52.9861, -46.1905,
27.2260


 141.1397,
-73.9125, 47.9300

 42.8747, -41.4250,
23.7537

155.8903,
-77.4040, 50.5894

 33.5036, -36.2907,
20.0583

171.1218,
-80.8239, 53.2051

 24.9365, -30.6683,
16.2569


186.8193,

 17.2577, -24.7719,


-84.1809, 55.7833


12.0804


202.9695,
-87.4823, 58.3291


 10.5849, -18.5236,
7.4094


0.0000, NaN, NaN


 87.2982, -58.9830,
36.6864


 87.2982, -58.9830,
36.6864


 86.2601, -63.8690,
40.4232


 88.6429, -52.8164,
32.4213


 85.5107, -67.4957,
43.5983

 90.3041, -45.3982,
27.6795

 85.0240, -69.9376,
46.1910

 92.2859, -36.7926,
22.5200

 84.7527, -71.3767,
48.1910

 94.5869, -27.0930,
17.0081

■ 84.7442, -71.4219,
48.2565

■ 97.2014, -16.4110,
11.2108

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.



87.2983, -35.0523, 48.1429



87.2982, -58.9830, 36.6864



87.2983, -68.3884, 10.3191

Triad

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



87.2983, -58.9824, 36.6856



87.2983, -10.6370, -102.8211



87.2983, 75.3748, 30.5137

Complementary

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



87.2982, -58.9830, 36.6864



60.1508, 70.2405, -29.1323

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.



87.2983, 85.0459, -1.2080



87.2982, -58.9830, 36.6864



87.2983, 30.5528, -89.3471

Square

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



87.2983, -58.9824, 36.6856



87.2983, -43.8259, -78.5298



87.2983, 67.3917, -47.1902



87.2983, 42.9138, 45.8572

Rectangle

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



87.2982, -58.9830, 36.6864



87.2983, -66.6513, -16.8419



87.2983, 67.3917, -47.1902



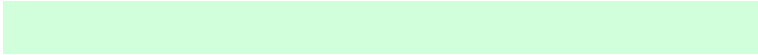
87.2983, 81.6200, 21.9368

Sweetspot

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



87.2983, -58.9824, 36.6856



94.9862, -25.4394, 16.0938



93.8294, -34.1673, 49.1104



43.6133, -13.1460, 8.2090

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.2983, -58.9824, 36.6856



86.0553, -64.8497, 41.2352



88.9684, -48.8997, 12.4857



44.9830, -7.5396, 5.1585



61.2728, -51.5345, 34.6625



19.1601, -15.8257, 10.2148

Inverse Universe

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



60.1508, 70.2405, -29.1323



55.3796, 82.4489, -32.4919



57.4789, 58.6737, 8.3659



42.6928, 3.0906, -0.4201



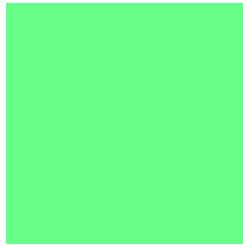
36.4167, 68.2766, -22.2962



11.4347, 21.5579, -7.9253

Previews

White Background



This preview shows how the HunterLab color 87.2982, -58.9830, 36.6864 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 87.2982, -58.9830, 36.6864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

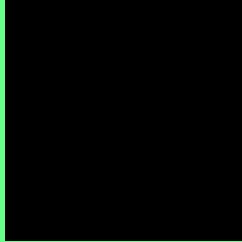
Any Text WCAG AA ✓ Pass

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 87.2982, -58.9830, 36.6864 Background



This preview shows how black text looks on a background with the HunterLab color 87.2982, -58.9830, 36.6864.



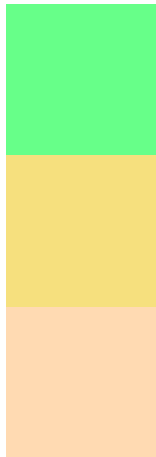
This preview shows how white text looks on a background with the HunterLab color 87.2982, -58.9830, 36.6864.

-58.9830, 36.6864.

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

87.2982, -58.9830, 36.6864

Protanopia

86.2615, -9.3612, 39.4231

Deuteranopia

86.3812, 2.4657, 24.3611



Tritanopia

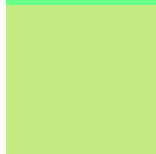
86.7973, -24.0989, -11.5631

Trichromacy



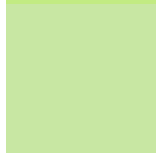
Original Color

87.2982, -58.9830, 36.6864



Protanomaly

85.1456, -31.6358, 37.2065



Deuteranomaly

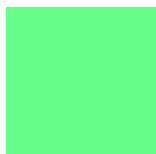
84.8973, -24.5074, 27.6854



Tritanomaly

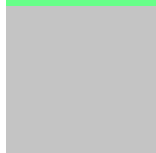
86.4228, -38.9062, 9.8403

Monochromacy



Original Color

87.2982, -58.9830, 36.6864



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.7189, -27.0254, 16.4765

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2982, -58.9830, 36.6864 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(103, 255, 137)` looks like.

```
.text, #text, p{  
    color:rgb(103, 255, 137)  
}
```

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(103, 255, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 255, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2982, -58.9830, 36.6864 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(103, 255, 137) }
```


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

```
.border{ border-color:rgb(103, 255, 137) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(103, 255, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 255, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 255, 137);  
box-shadow:4px 4px 4px 4px rgb(103, 255,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2982, -58.9830, 36.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 255, 137) }
```

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

```
.background{ background-color: rgb(103,  
255, 137) }
```

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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