

Converting Colors

HunterLab(87.6504, -58.5079,
44.4824)

Have a look what the booklet for
HunterLab(87.6504, -58.5079,
44.4824) contains.

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Color

**HunterLab(87.6580,
-58.4769, 44.4884)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFF66
RGB	125, 255, 102
RGB Percent	49%, 100%, 40%
CMY	0.5098, 0.0000, 0.6000
CMYK	0.51, 0.00, 0.60, 0.00
HSL	111°, 100%, 70%
HSV	111°, 60%, 100%
XYZ	46.6157, 76.8392, 24.9449
YIQ	198.6880, -28.3670, -75.1430

Conversions

Conversions Part 2

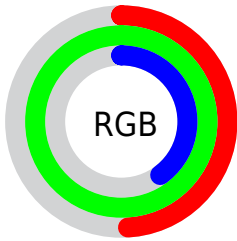
Format	Color
RYB	102, 255, 232
Decimal	8257382
CIELab	90.25, -63.66, 60.81
CIELCh	90, 88.031, 136.312
Yxy	76.8394, 0.3141, 0.5178
Android (android.graphics.Color)	4286447462 (0xFF7DFF66)
YUV	198.6880, -47.6672, -64.6244
Hunter-Lab	87.6580, -58.4769, 44.4884

Details

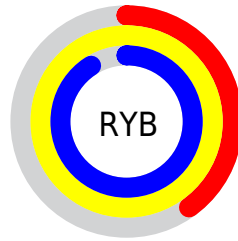
The HunterLab color $87.6580, -58.4769, 44.4884$ is a light color, and the websafe version is hex $66FF66$. A complement of this color would be $58.2066, 70.1225, -59.2744$, and the grayscale version is $75.6454, -4.0363, 4.1100$.

A 20% lighter version of the original color is $91.8659, -40.1107, 35.3181$, and $64.0480, -50.2556, 36.2881$ is the 20% darker color. If you saturate the color by 10%, you get $86.5749, -63.4386, 47.4907$, and if you desaturate by 10%, it is $89.0156, -52.3121, 40.4465$.

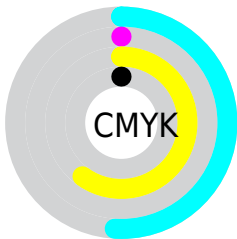
Distribution



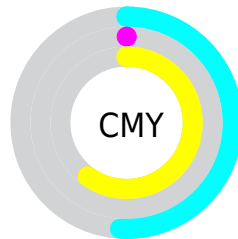
- Red (49%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (91%)



- Cyan (51%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.6580, -58.4769, 44.4884 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 87.6580, -58.4769, 44.4884 by changing the saturation by 10% instead.


 87.6580, -58.4769,
44.4884


 87.6580, -58.4769,
44.4884


220.0491,
-89.8528, 75.6251


 75.5785, -54.4679,
40.4958


 113.5397,
-66.0654, 52.0454


 64.1112, -50.2773,
36.3302


 127.2936,
-69.6887, 55.6496

 53.2908, -45.8632,
31.9623


 141.5619,
-73.2195, 59.1577

 43.1587, -41.1692,
27.3617

 156.3267,
-76.6701, 62.5819

 33.7652, -36.1154,
22.5815

171.5719,
-80.0508, 65.9326

 25.1737, -30.5850,
17.6216

187.2828,

 17.4676, -24.6764,

-83.3702, 69.2186

12.2273

203.4460,
-86.6355, 72.4472

■ 10.7634, -18.8359,
7.5344

■ 1.6558, -2.8976,
1.1590

■ 87.6580, -58.4769,
44.4884

■ 87.6580, -58.4769,
44.4884

■ 86.5749, -63.4386,
47.4907

■ 89.0156, -52.3121,
40.4465

■ 85.7543, -67.2078,
49.4990

■ 90.6541, -44.9731,
35.3617

■ 85.1780, -69.8384,
50.6035

■ 92.5754, -36.5179,
29.2594

■ 84.8165, -71.4623,
51.0124

■ 94.7775, -27.0275,
22.1898

■ 84.8165, -71.4626,
51.0124

■ 97.2552, -16.5981,
14.2208

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.



87.6581, -27.4925, 52.5097



87.6580, -58.4769, 44.4884



87.6581, -73.4144, 21.9646

Triad

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



87.6581, -58.4765, 44.4877



87.6581, -24.0669, -117.2637



87.6581, 93.7460, 24.7318

Complementary

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



87.6580, -58.4769, 44.4884



58.2066, 70.1225, -59.2744

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.



87.6581, 95.1749, -16.8123



87.6580, -58.4769, 44.4884



87.6581, 20.7297, -115.1910

Square

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



87.6581, -58.4765, 44.4877



87.6581, -56.4029, -77.0963



87.6581, 66.3527, -72.3547



87.6581, 62.7696, 45.6395

Rectangle

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



87.6580, -58.4769, 44.4884



87.6581, -74.6748, -4.6802



87.6581, 66.3527, -72.3547



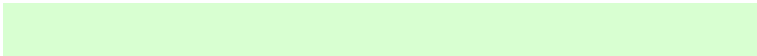
87.6581, 97.8829, 13.2754

Sweetspot

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



87.6581, -58.4765, 44.4877



95.2508, -25.0153, 20.6669



88.6203, -10.4720, 46.0133



43.7502, -12.9232, 10.5819

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6581, -58.4765, 44.4877



86.3901, -64.2875, 47.9701



87.5472, -57.3995, 32.5306



45.0545, -7.4304, 6.3870



61.3419, -51.5217, 36.8966



19.2367, -15.6694, 11.5792

Inverse Universe

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



58.2066, 70.1225, -59.2744



53.0794, 82.4350, -71.5270



59.2649, 67.6365, -19.4490



42.6074, 2.9772, -1.8720



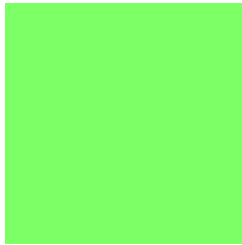
33.9218, 69.2133, -64.2896



10.7529, 21.8307, -19.5316

Previews

White Background



This preview shows how the HunterLab color 87.6580, -58.4769, 44.4884 looks on a white background.

Color Contrast Check

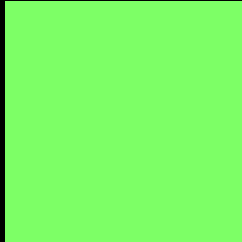
Large Text (above 18pt) WCAG AA × Fail

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 87.6580, -58.4769, 44.4884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

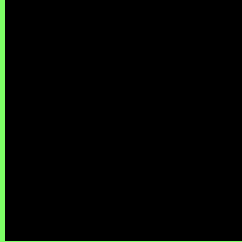
Any Text WCAG AA ✓ Pass

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 87.6580, -58.4769, 44.4884 Background



This preview shows how black text looks on a background with the HunterLab color 87.6580, -58.4769, 44.4884.



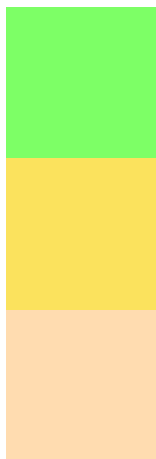
This preview shows how white text looks on a background with the HunterLab color 87.6580, -58.4769, 44.4884.

-58.4769, 44.4884.

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

87.6580, -58.4769, 44.4884

Protanopia

87.0013, -10.7761, 46.3637

Deuteranopia

86.9373, 1.1717, 25.5788



Tritanopia

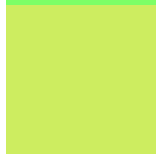
87.4506, -21.6895, -10.6355

Trichromacy



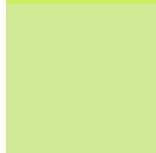
Original Color

87.6580, -58.4769, 44.4884



Protanomaly

86.2508, -31.7903, 44.9837



Deuteranomaly

85.9405, -24.5780, 32.9095



Tritanomaly

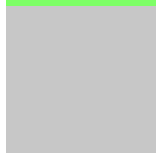
86.8356, -38.0364, 15.9490

Monochromacy



Original Color

87.6580, -58.4769, 44.4884



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

78.8125, -26.8398, 21.6720

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6580, -58.4769, 44.4884 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(125, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(125, 255, 102)  
}
```

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(125, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 255, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6580, -58.4769, 44.4884 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(125, 255, 102) }
```


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

```
.border{ border-color:rgb(125, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(125, 255,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6580, -58.4769, 44.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 255, 102) }
```

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

```
.background{ background-color: rgb(125,  
255, 102) }
```

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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