

Converting Colors

HunterLab(87.6537, -56.9840,
32.7756)

Have a look what the booklet for
HunterLab(87.6537, -56.9840,
32.7756) contains.

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Color

**HunterLab(87.6488,
-56.9851, 32.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	69FF99
RGB	105, 255, 153
RGB Percent	41%, 100%, 60%
CMY	0.5882, 0.0000, 0.4000
CMYK	0.59, 0.00, 0.40, 0.00
HSL	139°, 100%, 71%
HSV	139°, 59%, 100%
XYZ	47.3354, 76.8231, 42.4705
YIQ	198.5220, -56.6580, -63.5220

Conversions

Conversions Part 2

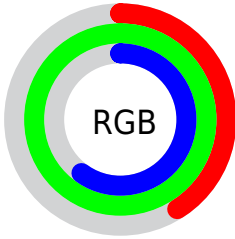
Format	Color
RYB	105, 219, 255
Decimal	6946713
CIELab	90.24, -61.60, 37.04
CIELCh	90, 71.883, 148.982
Yxy	76.8234, 0.2841, 0.4610
Android (android.graphics.Color)	4285136793 (0xFF69FF99)
YUV	198.5220, -22.4423, -82.0188
Hunter-Lab	87.6488, -56.9851, 32.6250

Details

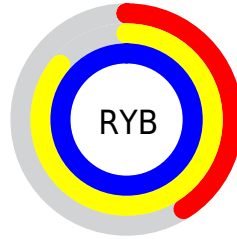
The HunterLab color **87.6488, -56.9851, 32.6250** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **59.8903, 66.7292, -20.3668**, and the grayscale version is **75.4795, -4.0274, 4.1009**.

A 20% lighter version of the original color is **91.8093, -38.0203, 17.3694**, and **64.0736, -48.9773, 27.2317** is the 20% darker color. If you saturate the color by 10%, you get **86.5863, -61.9602, 36.4056**, and if you desaturate by 10%, it is **89.0061, -50.8114, 28.5091**.

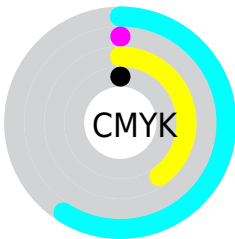
Distribution



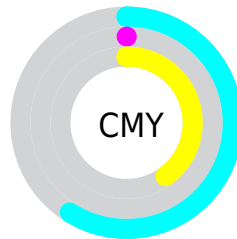
- Red (41%)
- Green (100%)
- Blue (60%)



- Red (41%)
- Yellow (86%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (59%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.6488, -56.9851, 32.6250 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 87.6488, -56.9851, 32.6250 by changing the saturation by 10% instead.


 87.6488, -56.9851,
32.6250


 87.6488, -56.9851,
32.6250


220.0367,
-87.5217, 53.7097


 75.5698, -53.0938,
30.0344


 113.5298,
-64.3569, 37.5918

 64.1030, -49.0292,
27.3521


 127.2832,
-67.8800, 39.9934

 53.2831, -44.7507,
24.5550


 141.5512,
-71.3150, 42.3522

 43.1515, -40.2040,
21.6133

156.3156,
-74.6739, 44.6752

 33.7586, -35.3117,
18.4872

171.5605,
-77.9664, 46.9681

 25.1677, -29.9607,
15.1241

187.2711,

 17.4622, -24.1613,

-81.2008, 49.2356

12.2236

203.4339,
-84.3839, 51.4816

■ 10.7588, -18.8280,
7.5312

■ 1.6309, -2.8540,
1.1416

■ 87.6488, -56.9851,
32.6250

■ 87.6488, -56.9851,
32.6250

■ 86.5863, -61.9602,
36.4056

■ 89.0061, -50.8114,
28.5091

■ 85.8021, -65.7517,
39.8064


■ 90.6671, -43.4695,
24.1129


■ 85.2721, -68.4229,
42.7888

■ 92.6355, -35.0210,
19.4926

■ 84.9552, -70.1241,
45.3186

■ 94.9100, -25.5530,
14.7056

 84.9254, -70.2880,
45.5822

 97.4851, -15.1691,
9.8071

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.



87.6489, -36.0975, 45.3288



87.6488, -56.9851, 32.6250



87.6489, -64.2842, 5.9457

Triad

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



87.6489, -56.9845, 32.6243



87.6489, -5.9215, -91.3864



87.6489, 65.3735, 31.3004

Complementary

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



87.6488, -56.9851, 32.6250



59.8903, 66.7292, -20.3668

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.



87.6489, 76.8995, 3.5797



87.6488, -56.9851, 32.6250



87.6489, 31.8964, -75.7960

Square

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



87.6489, -56.9845, 32.6243



87.6489, -37.9267, -73.6725



87.6489, 63.7689, -36.9657



87.6489, 34.4016, 44.8132

Rectangle

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



87.6488, -56.9851, 32.6250



87.6489, -61.5580, -19.7814



87.6489, 63.7689, -36.9657



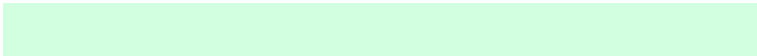
87.6489, 71.8541, 23.7913

Sweetspot

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



87.6489, -56.9845, 32.6243



95.1106, -24.7317, 14.3061



92.6702, -38.5461, 47.8772



43.6785, -12.7729, 7.2708

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6489, -56.9845, 32.6243



86.3926, -62.8851, 37.1799



89.4970, -45.8857, 5.9596



45.0155, -7.3578, 4.6929



61.4083, -50.6863, 32.6620



19.2109, -15.5081, 9.4654

Inverse Universe

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



59.8903, 66.7292, -20.3668



54.9408, 78.5515, -21.8156



57.4832, 56.1918, 13.7027



42.6563, 2.8956, 0.0973



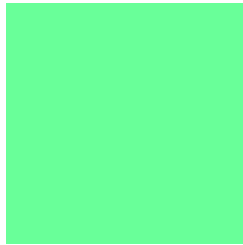
35.6676, 65.6041, -12.0074



11.2188, 20.7902, -4.9799

Previews

White Background



This preview shows how the HunterLab color 87.6488, -56.9851, 32.6250 looks on a white background.

Color Contrast Check

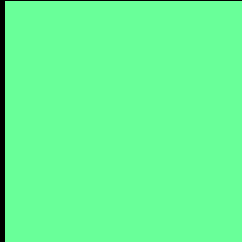
Large Text (above 18pt) WCAG AA × Fail

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 87.6488, -56.9851, 32.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

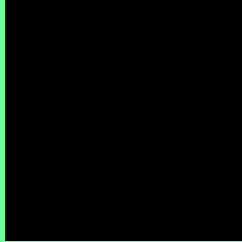
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

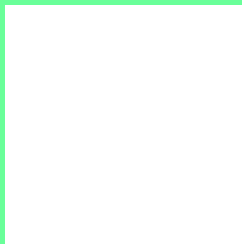
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.6488, -56.9851, 32.6250 Background



This preview shows how black text looks on a background with the HunterLab color 87.6488, -56.9851, 32.6250.



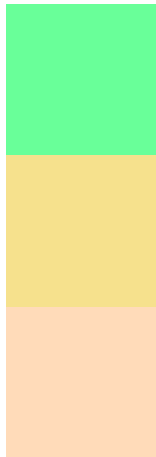
This preview shows how white text looks on a background with the HunterLab color 87.6488,

-56.9851, 32.6250.

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

87.6488, -56.9851, 32.6250

Protanopia

86.8138, -8.5321, 36.1349

Deuteranopia

86.8480, 2.8396, 22.2305



Tritanopia

87.3053, -23.9427, -10.8712

Trichromacy



Original Color

87.6488, -56.9851, 32.6250



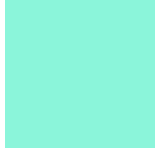
Protanomaly

85.8122, -30.3313, 33.8375



Deuteranomaly

85.4457, -23.7301, 24.8027



Tritanomaly

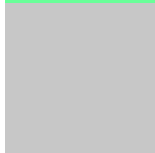
87.0952, -37.7384, 7.8531

Monochromacy



Original Color

87.6488, -56.9851, 32.6250



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

78.7653, -26.1324, 14.7640

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6488, -56.9851, 32.6250 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(105, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(105, 255, 153)  
}
```

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(105, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 255, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6488, -56.9851, 32.6250 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(105, 255, 153) }
```


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

```
.border{ border-color:rgb(105, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(105, 255,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6488, -56.9851, 32.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 255, 153) }
```

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

```
.background{ background-color: rgb(105,  
255, 153) }
```

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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