

Converting Colors

HunterLab(87.2410, -56.5266,
52.7679)

Have a look what the booklet for
HunterLab(87.2410, -56.5266,
52.7679) contains.

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Color

**HunterLab(87.0769,
-56.3605, 52.6697)**

Conversions

Conversions Part 1

Format	Color
Hex	93FC00
RGB	147, 252, 0
RGB Percent	58%, 99%, 0%
CMY	0.4235, 0.0117, 0.9999
CMYK	0.42, 0.00, 1.00, 0.01
HSL	85°, 100%, 49%
HSV	85°, 100%, 99%
XYZ	46.8430, 75.8239, 12.1666
YIQ	191.8770, 18.3120, -100.6320

Conversions

Conversions Part 2

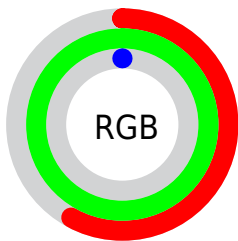
Format	Color
RYB	0, 252, 105
Decimal	9698304
CIELab	89.78, -60.99, 86.04
CIELCh	90, 105.467, 125.331
Yxy	75.8272, 0.3474, 0.5623
Android (android.graphics.Color)	4287888384 (0xFF93FC00)
YUV	191.8770, -94.5954, -39.3571
Hunter-Lab	87.0769, -56.3605, 52.6697

Details

The HunterLab color **87.0769, -56.3605, 52.6697** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **31.6786, 76.4304, -151.5165**, and the grayscale version is **72.9357, -3.8917, 3.9627**.

A 20% lighter version of the original color is **92.5852, -39.1205, 49.7339**, and **63.9290, -47.4261, 38.5625** is the 20% darker color. If you saturate the color by 10%, you get **87.0779, -56.3661, 52.6702**, and if you desaturate by 10%, it is **87.7006, -53.7594, 52.4686**.

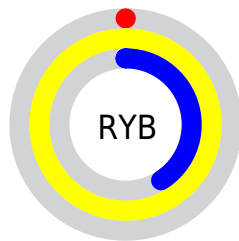
Distribution



Red (58%)

Green (99%)

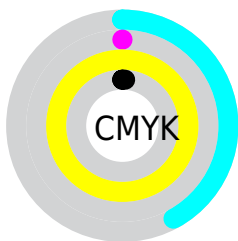
Blue (0%)



Red (0%)

Yellow (99%)

Blue (41%)

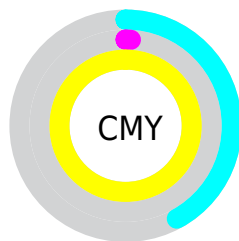


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (42%)

Magenta (1%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0769, -56.3605, 52.6697 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 87.0769, -56.3605, 52.6697 by changing the saturation by 10% instead.

87.0769, -56.3605,
52.6697

87.0769, -56.3605,
52.6697

219.2614,
-86.6813, 94.9308

75.0272, -52.4996,
47.1972

112.9082,
-63.6813, 63.0354

63.5894, -48.4638,
41.5097

126.6374,
-67.1789, 67.9639

52.8003, -44.2149,
35.6033

140.8820,
-70.5891, 72.7459

42.7016, -39.6982,
29.8911

155.6240,
-73.9239, 77.3965

33.3441, -34.8361,
23.3409

170.8470,
-77.1929, 81.9291

24.7921, -29.5141,
17.3545

186.5364,

17.1299, -23.8056,

-80.4044, 86.3556

11.9910

202.6787,
-83.5653, 90.6864

■ 10.4764, -18.3337,
7.3335

0.0000, NaN, NaN

■ 87.0769, -56.3605,
52.6697

■ 87.0769, -56.3605,
52.6697

■ 87.0779, -56.3661,
52.6702

■ 87.7006, -53.7594,
52.4686

■ 88.4214, -50.6783,
51.5407

■ 89.2557, -47.0436,
49.6769

■ 90.2111, -42.8253,
46.7730

■ 91.2927, -38.0100,
42.7605

■ 92.5039, -32.5965,
37.5982

■ 93.8468, -26.5939,
31.2677

■ 95.3222, -20.0194,
23.7692

■ 96.9297, -12.8962,
15.1187

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0788, -13.9737, 56.6637



87.0769, -56.3605, 52.6697



87.0788, -79.6046, 36.4103

Triad

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



87.0788, -56.3623, 52.6701



87.0788, -43.4422, -138.6180



87.0788, 122.7423, 13.3235

Complementary

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



87.0769, -56.3605, 52.6697



31.6786, 76.4304, -151.5165

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.



87.0788, 109.4704, -46.5792



87.0769, -56.3605, 52.6697



87.0788, 5.0812, -159.0067

Square

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



87.0788, -56.3623, 52.6701



87.0788, -73.4994, -72.6242



87.0788, 62.9227, -118.2635



87.0788, 95.7650, 44.3807

Rectangle

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



87.0769, -56.3605, 52.6697



87.0788, -85.0851, 12.3100



87.0788, 62.9227, -118.2635



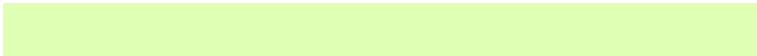
87.0788, 122.8988, -3.5774

Sweetspot

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



87.0788, -56.3623, 52.6701



95.1112, -26.9751, 31.7142



55.5019, 48.2429, 35.0434



43.7297, -13.7002, 15.9909

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0788, -56.3623, 52.6701



88.2520, -57.1426, 53.3801



83.5368, -71.1408, 50.2288



44.5076, -5.7489, 6.7268



62.9167, -40.3941, 38.0618



19.3093, -11.6383, 11.6945

Inverse Universe

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



31.6786, 76.4304, -151.5165



32.0948, 77.4584, -153.6402



49.0099, 98.2673, -79.4983



41.2266, 1.3220, -2.4521



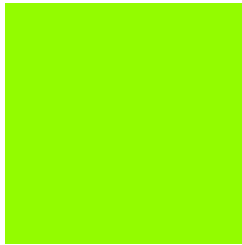
23.0390, 55.3454, -108.2926



7.4312, 17.2890, -30.5682

Previews

White Background



This preview shows how the HunterLab color 87.0769, -56.3605, 52.6697 looks on a white background.

Color Contrast Check

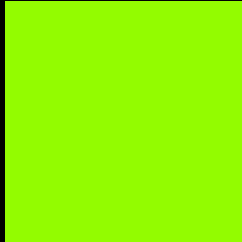
Large Text (above 18pt) WCAG AA × Fail

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 87.0769, -56.3605, 52.6697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

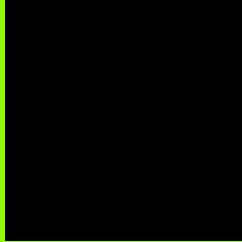
Any Text WCAG AA ✓ Pass

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 87.0769, -56.3605, 52.6697 Background



This preview shows how black text looks on a background with the HunterLab color 87.0769, -56.3605, 52.6697.



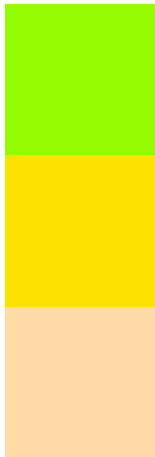
This preview shows how white text looks on a background with the HunterLab color 87.0769, -56.3605, 52.6697.

-56.3605, 52.6697.

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

87.0769, -56.3605, 52.6697

Protanopia

86.4483, -12.0472, 53.0581

Deuteranopia

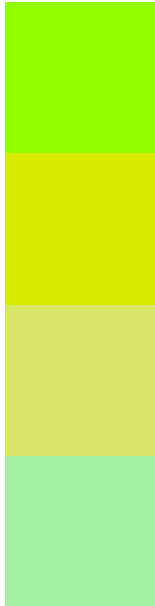
86.4367, 0.6164, 28.1954



Tritanopia

86.6992, -17.7818, -10.4376

Trichromacy



Original Color

87.0769, -56.3605, 52.6697

Protanomaly

85.8562, -30.8274, 52.3645

Deuteranomaly

85.3179, -24.8294, 42.6619

Tritanomaly

85.7223, -38.8078, 28.8210

Monochromacy



Original Color

87.0769, -56.3605, 52.6697

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

76.6344, -28.2139, 32.4827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0769, -56.3605, 52.6697 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(147, 252, 0)` looks like.

```
.text, #text, p{  
    color:rgb(147, 252, 0)  
}
```

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(147, 252, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 252, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0769, -56.3605, 52.6697 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(147, 252, 0) }
```


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

```
.border{ border-color:rgb(147, 252, 0) }
```

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

Here you see how a box with a 4 pixel rgb(147, 252, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 252, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 252, 0);  
box-shadow:4px 4px 4px 4px rgb(147, 252,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0769, -56.3605, 52.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 252, 0) }
```

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

```
.background{ background-color: rgb(147,  
252, 0) }
```

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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