

Converting Colors

HunterLab(85.7288, -56.8312,
40.1943)

Have a look what the booklet for
HunterLab(85.7288, -56.8312,
40.1943) contains.

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Color

**HunterLab(85.6957,
-56.7915, 40.1672)**

Conversions

Conversions Part 1

Format	Color
Hex	75FA75
RGB	117, 250, 117
RGB Percent	46%, 98%, 46%
CMY	0.5412, 0.0196, 0.5412
CMYK	0.53, 0.00, 0.53, 0.02
HSL	120°, 93%, 72%
HSV	120°, 53%, 98%
XYZ	44.7327, 73.4375, 28.6468
YIQ	195.0710, -36.5750, -69.5590

Conversions

Conversions Part 2

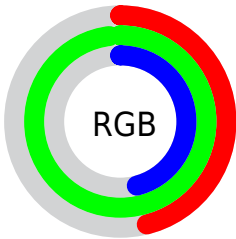
Format	Color
RYB	117, 250, 250
Decimal	7731829
CIELab	88.66, -62.18, 52.29
CIELCh	89, 81.242, 139.940
Yxy	73.4406, 0.3047, 0.5002
Android (android.graphics.Color)	4285921909 (0xFF75FA75)
YUV	195.0710, -38.4890, -68.4683
Hunter-Lab	85.6957, -56.7915, 40.1672

Details

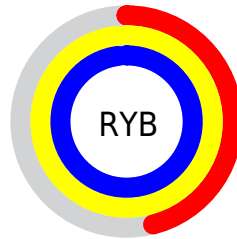
The HunterLab color **85.6957, -56.7915, 40.1672** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **63.2060, 67.4296, -44.7130**, and the grayscale version is **74.0740, -3.9524, 4.0246**.

A 20% lighter version of the original color is **91.6316, -40.4227, 30.5012**, and **62.2273, -48.5395, 32.8729** is the 20% darker color. If you saturate the color by 10%, you get **84.5117, -62.2850, 43.8813**, and if you desaturate by 10%, it is **87.2228, -49.8544, 35.4768**.

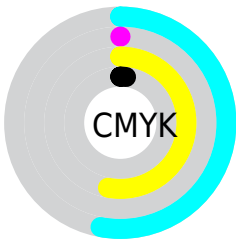
Distribution



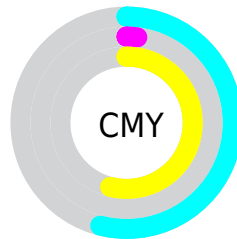
- Red (46%)
- Green (98%)
- Blue (46%)



- Red (46%)
- Yellow (98%)
- Blue (98%)



- Cyan (53%)
- Magenta (0%)
- Yellow (53%)
- Black (2%)



- Cyan (54%)
- Magenta (2%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.6957, -56.7915, 40.1672 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 85.6957, -56.7915, 40.1672 by changing the saturation by 10% instead.

85.6957, -56.7915,
40.1672

85.6957, -56.7915,
40.1672

217.3800,
-87.6784, 67.7336

73.7132, -52.8435,
36.6613

111.4013,
-64.2654, 46.8175

62.3463, -48.7123,
33.0032

125.0715,
-67.8319, 49.9963

51.6324, -44.3570,
29.1640

139.2593,
-71.3071, 53.0962

41.6141, -39.7195,
25.1083

153.9463,
-74.7032, 56.1279

32.3435, -34.7174,
20.7985

169.1161,
-78.0305, 59.1005

23.8866, -29.2285,
16.7206

184.7539,

16.3308, -23.7119,

-81.2975, 62.0214

11.4316

200.8460,
-84.5115, 64.8973

■ 9.8002, -17.1503,
6.8601

0.0000, NaN, NaN

■ 85.6957, -56.7915,
40.1672

■ 85.6957, -56.7915,
40.1672

■ 84.5117, -62.2850,
43.8813

■ 87.2228, -49.8544,
35.4768

■ 83.6497, -66.3337,
46.6191


■ 89.0955, -41.5205,
29.8432


■ 83.0865, -69.0057,
48.4261


■ 91.3164, -31.8840,
23.3301

■ 82.7852, -70.4438,
49.3987

■ 93.8809, -21.0670,
16.0205

 82.6887, -70.9055,
49.7110

 96.7797, -9.2086,
8.0087

 98.4145, -2.6807,
3.5990

Harmonies

Analogous

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



85.6975, -29.7547, 49.3739



85.6957, -56.7915, 40.1672



85.6975, -69.0179, 16.7182

Triad

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



85.6975, -56.7929, 40.1677



85.6975, -17.8718, -106.3485



85.6975, 82.4735, 26.4359

Complementary

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



85.6957, -56.7915, 40.1672



63.2060, 67.4296, -44.7130

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.



85.6975, 87.2938, -9.4419



85.6957, -56.7915, 40.1672



85.6975, 23.8910, -99.5060

Square

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



85.6975, -56.7929, 40.1677



85.6975, -49.4998, -74.4995



85.6975, 64.2126, -58.7094



85.6975, 52.0650, 44.4128

Rectangle

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



85.6957, -56.7915, 40.1672



85.6975, -69.0373, -9.2623



85.6975, 64.2126, -58.7094



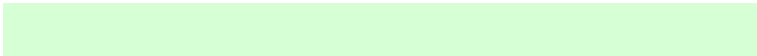
85.6975, 87.3335, 16.5869

Sweetspot

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



85.6975, -56.7929, 40.1677



95.2426, -24.7758, 18.5672



94.8596, -21.4422, 47.5575



43.8097, -12.5301, 9.3115

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6975, -56.7929, 40.1677



86.3448, -64.1183, 45.1611



86.9460, -49.2529, 21.9762



43.9423, -7.7716, 6.0780



60.2215, -51.6399, 36.2040



18.3273, -15.7156, 11.0179

Inverse Universe

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



63.2060, 67.4296, -44.7130



60.0828, 82.3167, -54.8927



60.4050, 55.0084, -6.0584



41.8624, 3.4629, -1.5994



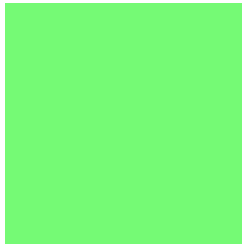
38.0019, 74.7127, -50.1197



11.5652, 22.7374, -15.2531

Previews

White Background



This preview shows how the HunterLab color 85.6957, -56.7915, 40.1672 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 85.6957, -56.7915, 40.1672 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

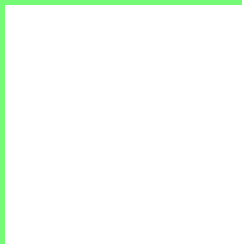
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.6957, -56.7915, 40.1672 Background



This preview shows how black text looks on a background with the HunterLab color 85.6957, -56.7915, 40.1672.



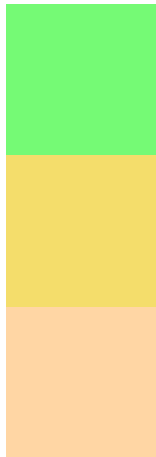
This preview shows how white text looks on a background with the HunterLab color 85.6957,

-56.7915, 40.1672.

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

85.6957, -56.7915, 40.1672

Protanopia

84.8573, -10.0488, 42.3938

Deuteranopia

84.8725, 2.8737, 27.8130



Tritanopia

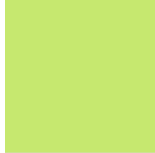
85.3085, -24.5191, -13.0305

Trichromacy



Original Color

85.6957, -56.7915, 40.1672



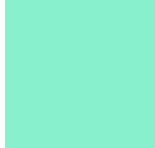
Protanomaly

84.1824, -30.6664, 40.7439



Deuteranomaly

83.6803, -22.9065, 31.6043



Tritanomaly

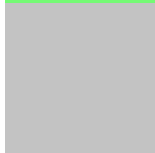
84.8022, -38.5017, 11.6401

Monochromacy



Original Color

85.6957, -56.7915, 40.1672



Achromatopsia

73.8732, -3.9417, 4.0137



Achromatomaly

77.2052, -25.9543, 19.0433

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6957, -56.7915, 40.1672 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(117, 250, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 250, 117)  
}
```

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(117, 250, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 250, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6957, -56.7915, 40.1672 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(117, 250, 117) }
```


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

```
.border{ border-color:rgb(117, 250, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 250, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 250, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 250, 117);  
box-shadow:4px 4px 4px 4px rgb(117, 250,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6957, -56.7915, 40.1672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 250, 117) }
```

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

```
.background{ background-color: rgb(117,  
250, 117) }
```

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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