

Converting Colors

HunterLab(100.0000, -75.3828,
50.3969)

Have a look what the booklet for
HunterLab(100.0000, -75.3828,
50.3969) contains.

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Color

**HunterLab(86.6485,
-62.2608, 40.7866)**

Conversions

Conversions Part 1

Format	Color
Hex	5CFF75
RGB	92, 255, 117
RGB Percent	36%, 100%, 46%
CMY	0.6392, 0.0000, 0.5412
CMYK	0.64, 0.00, 0.54, 0.00
HSL	129°, 100%, 68%
HSV	129°, 64%, 100%
XYZ	43.3845, 75.0796, 29.0348
YIQ	190.5310, -52.8500, -77.4740

Conversions

Conversions Part 2

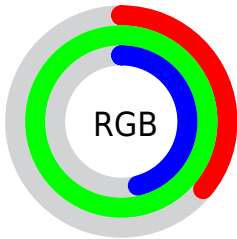
Format	Color
RYB	92, 233, 255
Decimal	6094709
CIELab	89.43, -69.46, 53.04
CIELCh	89, 87.400, 142.634
Yxy	75.0798, 0.2941, 0.5090
Android (android.graphics.Color)	4284284789 (0xFF5CFF75)
YUV	190.5310, -36.2508, -86.4117
Hunter-Lab	86.6485, -62.2608, 40.7866

Details

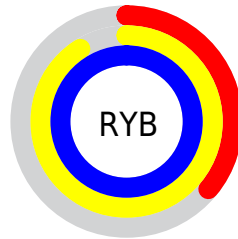
The HunterLab color **86.6485, -62.2608, 40.7866** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **58.8451, 77.0518, -37.8178**, and the grayscale version is **72.1465, -3.8496, 3.9199**.

A 20% lighter version of the original color is **90.3696, -45.3399, 29.2848**, and **63.4755, -52.4118, 33.8032** is the 20% darker color. If you saturate the color by 10%, you get **85.7494, -66.5349, 44.1191**, and if you desaturate by 10%, it is **87.8572, -56.6466, 36.7669**.

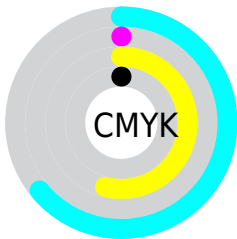
Distribution



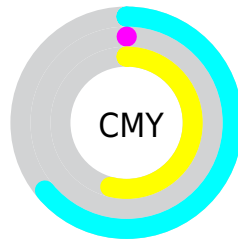
- Red (36%)
- Green (100%)
- Blue (46%)



- Red (36%)
- Yellow (91%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.6485, -62.2608, 40.7866 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 86.6485, -62.2608, 40.7866 by changing the saturation by 10% instead.

86.6485, -62.2608,
40.7866

86.6485, -62.2608,
40.7866

218.6760,
-96.0991, 68.6289

74.6179, -57.8994,
37.2449

112.4390,
-70.4910, 47.5027

63.2021, -53.3302,
33.5518

126.1500,
-74.4096, 50.7139

52.4363, -48.5058,
29.6773

140.3769,
-78.2216, 53.8452

42.3625, -43.3622,
25.5869

155.1018,
-81.9410, 56.9077

33.0320, -37.8099,
21.2436

170.3083,
-85.5794, 59.9102

24.5094, -31.7191,
17.1566


185.9817,

16.8802, -25.8517,


-89.1467, 62.8604


11.8161


202.1084,
-92.6509, 65.7648


 10.2646, -17.9630,
7.1852


0.0000, NaN, NaN


 86.6485, -62.2608,
40.7866


 86.6485, -62.2608,
40.7866


 85.7494, -66.5349,
44.1191


 87.8572, -56.6466,
36.7669


 85.1373, -69.5187,
46.7537

 89.3891, -49.6996,
32.0968

 84.7797, -71.3247,
48.7004

 91.2512, -41.4703,
26.8286

 84.6565, -71.9720,
49.5536

 93.4443, -32.0453,
21.0279

■ 95.9642, -21.5355,
14.7684

■ 98.8025, -10.0664,
8.1260

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.



86.6486, -34.9130, 51.0280



86.6485, -62.2608, 40.7866



86.6486, -73.7222, 14.4369

Triad

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



86.6486, -62.2603, 40.7859



86.6486, -15.2370, -119.5246



86.6486, 88.3773, 30.3762

Complementary

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



86.6485, -62.2608, 40.7866



58.8451, 77.0518, -37.8178

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.



86.6486, 96.5551, -6.2794



86.6485, -62.2608, 40.7866



86.6486, 30.4888, -107.6928

Square

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



86.6486, -62.2603, 40.7859



86.6486, -50.3305, -87.0362



86.6486, 73.6124, -59.9318



86.6486, 53.0916, 47.4596

Rectangle

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



86.6485, -62.2608, 40.7866



86.6486, -72.8324, -14.8515



86.6486, 73.6124, -59.9318



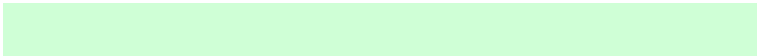
86.6486, 94.6410, 20.5730

Sweetspot

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



86.6486, -62.2603, 40.7859



94.6440, -27.0013, 18.0002



94.4494, -32.0451, 51.2821



43.4596, -13.8628, 9.1479

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.6486, -62.2603, 40.7859



85.5316, -67.5872, 45.0047



88.2441, -52.5571, 17.5795



44.9595, -7.6710, 5.4950



61.2055, -51.9565, 35.6577



19.1314, -16.0052, 10.6382

Inverse Universe

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



58.8451, 77.0518, -37.8178



54.5727, 88.8451, -42.1166



55.7548, 64.0931, 5.2187



42.7196, 3.2343, -0.8013



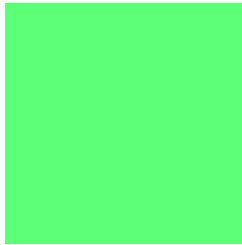
37.0329, 70.4556, -30.6090



11.6090, 22.1727, -10.2647

Previews

White Background



This preview shows how the HunterLab color 86.6485, -62.2608, 40.7866 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 86.6485, -62.2608, 40.7866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

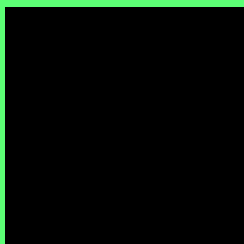
Any Text WCAG AA ✓ Pass

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 86.6485, -62.2608, 40.7866 Background



This preview shows how black text looks on a background with the HunterLab color 86.6485, -62.2608, 40.7866.



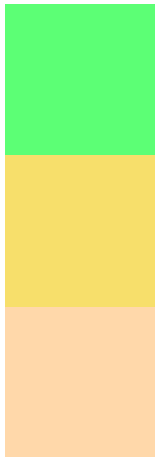
This preview shows how white text looks on a background with the HunterLab color 86.6485,

-62.2608, 40.7866.

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

86.6485, -62.2608, 40.7866

Protanopia

85.7969, -9.9206, 43.0815

Deuteranopia

85.6002, 2.5321, 26.4496



Tritanopia

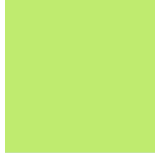
86.3551, -25.7404, -12.1951

Trichromacy



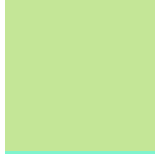
Original Color

86.6485, -62.2608, 40.7866



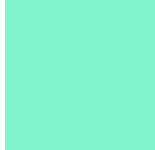
Protanomaly

84.6408, -34.1065, 41.0236



Deuteranomaly

84.0022, -26.6308, 30.6306



Tritanomaly

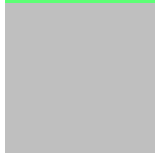
85.8028, -41.7217, 12.2302

Monochromacy



Original Color

86.6485, -62.2608, 40.7866



Achromatopsia

72.1800, -3.8513, 3.9217



Achromatomaly

75.9882, -28.9987, 18.9119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.6485, -62.2608, 40.7866 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(92, 255, 117)` looks like.

```
.text, #text, p{  
  color:rgb(92, 255, 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(92, 255, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 86.6485, -62.2608, 40.7866 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(92, 255, 117) }
```


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

```
.border{ border-color:rgb(92, 255, 117) }
```

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

Here you see how a box with a 4 pixel rgb(92, 255, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 255, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 255, 117);  
box-shadow:4px 4px 4px 4px rgb(92, 255,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.6485, -62.2608, 40.7866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 255, 117) }
```

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

```
.background{ background-color: rgb(92, 255,  
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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