

Converting Colors

HunterLab(87.8520, -55.5490,
28.0904)

Have a look what the booklet for
HunterLab(87.8520, -55.5490,
28.0904) contains.

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Color

**HunterLab(87.8476,
-55.5761, 28.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	66FFA8
RGB	102, 255, 168
RGB Percent	40%, 100%, 66%
CMY	0.6000, 0.0000, 0.3412
CMYK	0.60, 0.00, 0.34, 0.00
HSL	146°, 100%, 70%
HSV	146°, 60%, 100%
XYZ	48.3074, 77.1720, 49.3955
YIQ	199.3350, -63.2610, -59.4930

Conversions

Conversions Part 2

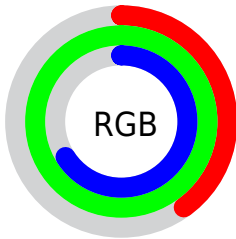
Format	Color
RYB	102, 209, 255
Decimal	6750120
CIELab	90.40, -59.60, 29.77
CIELCh	90, 66.625, 153.457
Yxy	77.1722, 0.2762, 0.4413
Android (android.graphics.Color)	4284940200 (0xFF66FFA8)
YUV	199.3350, -15.4482, -85.3628
Hunter-Lab	87.8476, -55.5761, 28.1554

Details

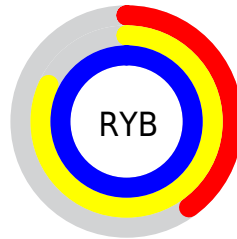
The HunterLab color **87.8476, -55.5761, 28.1554** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **58.6834, 65.1383, -11.3411**, and the grayscale version is **75.7990, -4.0444, 4.1183**.

A 20% lighter version of the original color is **92.1418, -35.8481, 10.7720**, and **64.2307, -47.8557, 23.7689** is the 20% darker color. If you saturate the color by 10%, you get **86.8296, -60.3228, 31.7204**, and if you desaturate by 10%, it is **89.1454, -49.7137, 24.4449**.

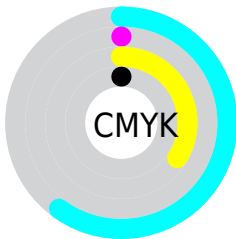
Distribution



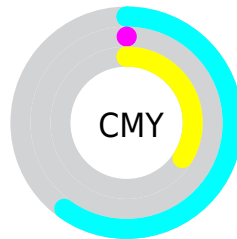
- Red (40%)
- Green (100%)
- Blue (66%)



- Red (40%)
- Yellow (82%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.8476, -55.5761, 28.1554 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 87.8476, -55.5761, 28.1554 by changing the saturation by 10% instead.


 87.8476, -55.5761,
28.1554


 87.8476, -55.5761,
28.1554


220.3068,
-85.2856, 46.3040

 75.7590, -51.8019,
25.9791


 113.7464,
-62.7335, 32.3624

 64.2821, -47.8628,
23.7391


 127.5083,
-66.1576, 34.4126

 53.4515, -43.7200,
21.4171


 141.7843,
-69.4983, 36.4362

 43.3085, -39.3212,
18.9891

156.5567,
-72.7668, 38.4381

 33.9032, -34.5925,
16.4217

171.8091,
-75.9726, 40.4227

 25.2989, -29.4247,
13.6671


187.5270,


 17.5784, -23.7390,


-79.1234, 42.3934


11.0312


203.6970,
-82.2258, 44.3530


 10.8577, -19.0010,
7.6004


 2.1065, -3.6864,
1.4745


 87.8476, -55.5761,
28.1554


 87.8476, -55.5761,
28.1554


 86.8296, -60.3228,
31.7204


 89.1454, -49.7137,
24.4449


 86.0744, -63.9754,
35.0926

 90.7325, -42.7577,
20.6416

 85.5577, -66.6001,
38.2240

 92.6137, -34.7589,
16.7946

 85.2326, -68.3711,
41.0605

 94.7887, -25.7929,
12.9504

■ 85.2325, -68.3713,
41.0608

■ 97.2533, -15.9512,
9.1512

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.



87.8477, -37.7105, 42.2902



87.8476, -55.5761, 28.1554



87.8477, -60.5807, 0.9738

Triad

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



87.8477, -55.5753, 28.1547



87.8477, -0.7410, -81.9552



87.8477, 56.3324, 32.4813

Complementary

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



87.8476, -55.5761, 28.1554



58.6834, 65.1383, -11.3411

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.



87.8477, 69.9998, 8.4266



87.8476, -55.5761, 28.1554



87.8477, 34.0623, -63.9660

Square

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



87.8477, -55.5753, 28.1547



87.8477, -31.8745, -70.3986



87.8477, 61.2945, -27.5534



87.8477, 26.2590, 44.0440

Rectangle

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



87.8476, -55.5761, 28.1554



87.8477, -56.6902, -23.5410



87.8477, 61.2945, -27.5534



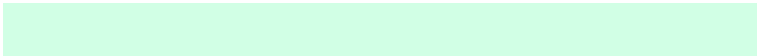
87.8477, 63.1876, 25.9931

Sweetspot

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



87.8477, -55.5753, 28.1547



95.2583, -23.8925, 12.1862



91.4267, -43.4246, 47.4241



43.7563, -12.3283, 6.1529

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.8477, -55.5753, 28.1547



86.6581, -61.1399, 32.4123



89.8726, -43.4620, -0.9306



45.0536, -7.1450, 4.1477



61.6341, -49.2782, 29.3403



19.2876, -15.0312, 8.3402

Inverse Universe

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



58.6834, 65.1383, -11.3411



53.7998, 76.1738, -10.6662



56.5645, 55.8679, 18.9098



42.6148, 2.6727, 0.6887



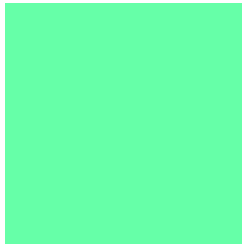
34.9393, 62.9791, -1.7992



11.0024, 20.0135, -1.9724

Previews

White Background



This preview shows how the HunterLab color 87.8476, -55.5761, 28.1554 looks on a white background.

Color Contrast Check

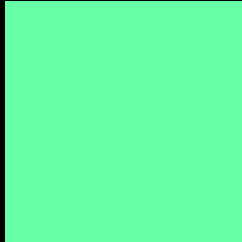
Large Text (above 18pt) WCAG AA × Fail

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 87.8476, -55.5761, 28.1554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

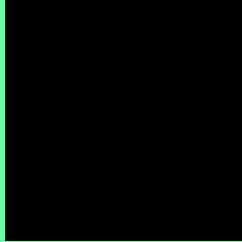
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

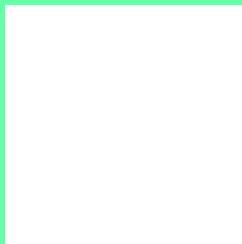
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.8476, -55.5761, 28.1554 Background



This preview shows how black text looks on a background with the HunterLab color 87.8476, -55.5761, 28.1554.



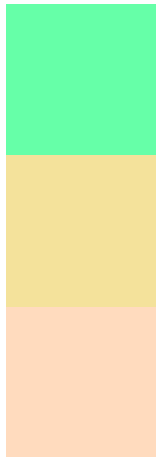
This preview shows how white text looks on a background with the HunterLab color 87.8476, -55.5761, 28.1554.

-55.5761, 28.1554.

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

87.8476, -55.5761, 28.1554

Protanopia

87.1736, -8.3571, 32.4784

Deuteranopia

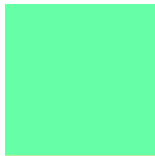
86.9717, 3.5059, 20.4430



Tritanopia

87.3636, -23.7271, -10.7887

Trichromacy



Original Color

87.8476, -55.5761, 28.1554



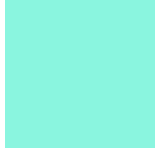
Protanomaly

86.2049, -30.0000, 29.7199



Deuteranomaly

85.5761, -22.8266, 21.6700



Tritanomaly

87.1985, -37.0352, 5.6148

Monochromacy



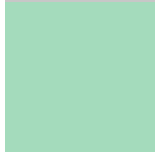
Original Color

87.8476, -55.5761, 28.1554



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

78.8583, -25.4618, 12.3754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8476, -55.5761, 28.1554 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(102, 255, 168)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 168)  
}
```

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(102, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8476, -55.5761, 28.1554 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(102, 255, 168) }
```


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

```
.border{ border-color:rgb(102, 255, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 168);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8476, -55.5761, 28.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 168) }
```

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

```
.background{ background-color: rgb(102,  
255, 168) }
```

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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