

Converting Colors

HunterLab(84.2171, -55.3829,
42.6167)

Have a look what the booklet for
HunterLab(84.2171, -55.3829,
42.6167) contains.

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Color

**HunterLab(84.3193,
-55.4289, 42.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	7CF663
RGB	124, 246, 99
RGB Percent	49%, 96%, 39%
CMY	0.5137, 0.0353, 0.6117
CMYK	0.50, 0.00, 0.60, 0.04
HSL	110°, 89%, 68%
HSV	110°, 60%, 96%
XYZ	43.5200, 71.0974, 23.2338
YIQ	192.7640, -25.5250, -71.5810

Conversions

Conversions Part 2

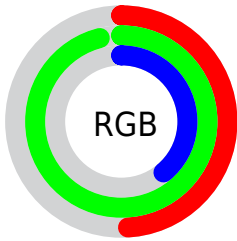
Format	Color
RYB	99, 246, 221
Decimal	8189539
CIELab	87.53, -60.88, 58.99
CIELCh	88, 84.774, 135.905
Yxy	71.1005, 0.3157, 0.5158
Android (android.graphics.Color)	4286379619 (0xFF7CF663)
YUV	192.7640, -46.2257, -60.3060
Hunter-Lab	84.3193, -55.4289, 42.6864

Details

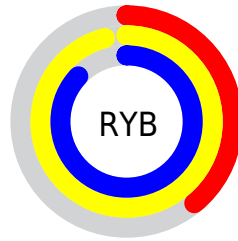
The HunterLab color $84.3193, -55.4289, 42.6864$ is a light color, and the websafe version is hex $99FF66$. A complement of this color would be $55.6347, 66.0096, -57.4839$, and the grayscale version is $73.1245, -3.9017, 3.9730$.

A 20% lighter version of the original color is $91.6752, -40.9583, 36.0008$, and $61.2308, -47.6281, 34.7753$ is the 20% darker color. If you saturate the color by 10%, you get $83.2661, -60.2506, 45.5893$, and if you desaturate by 10%, it is $85.6310, -49.4947, 38.7864$.

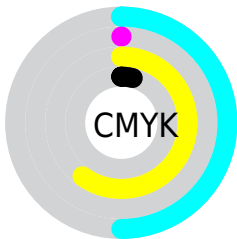
Distribution



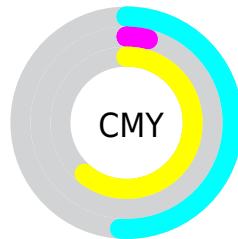
- Red (49%)
- Green (96%)
- Blue (39%)



- Red (39%)
- Yellow (96%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (60%)
- Black (4%)





- Cyan (51%)
- Magenta (4%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.3193, -55.4289, 42.6864 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 84.3193, -55.4289, 42.6864 by changing the saturation by 10% instead.


 84.3193, -55.4289,
42.6864


 84.3193, -55.4289,
42.6864


215.5005,
-85.8622, 73.2390


 72.4045, -51.5381,
38.7600


 109.8985,
-62.7928, 50.1118


 61.1092, -47.4651,
34.6572


 123.5093,
-66.3065, 53.6493

 50.4712, -43.1688,
30.3485


 137.6399,
-69.7301, 57.0911

 40.5341, -38.5903,
25.8022

 152.2716,
-73.0760, 60.4497

 31.3513, -33.6455,
21.1892

167.3880,
-76.3543, 63.7356

 22.9907, -28.2088,
16.0935

182.9739,

 15.5431, -23.0811,

-79.5736, 66.9575

10.8802

199.0156,
-82.7409, 70.1232

■ 9.1326, -15.9820,
6.3928

0.0000, NaN, NaN

■ 84.3193, -55.4289,
42.6864

■ 84.3193, -55.4289,
42.6864

■ 83.2661, -60.2506,
45.5893

■ 85.6310, -49.4947,
38.7864

■ 82.4558, -63.9607,
47.5353


■ 87.2013, -42.4713,
33.8822


■ 81.8743, -66.6062,
48.6101


■ 89.0336, -34.4148,
27.9975


■ 81.4954, -68.3021,
49.0087

■ 91.1257, -25.3997,
21.1786

 81.4881, -68.3348,
49.0163

 93.4728, -15.5141,
13.4880

 96.0676, -4.8528,
4.9991

 97.1568, -0.5444,
2.1236

Harmonies

Analogous

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



84.3211, -25.7024, 50.2964



84.3193, -55.4289, 42.6864



84.3211, -69.9024, 21.3769

Triad

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



84.3211, -55.4304, 42.6869



84.3211, -23.4541, -110.5961



84.3211, 89.0990, 23.1968

Complementary

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



84.3193, -55.4289, 42.6864



55.6347, 66.0096, -57.4839

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.



84.3211, 90.0322, -16.5662



84.3193, -55.4289, 42.6864



84.3211, 19.0211, -109.2474

Square

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



84.3211, -55.4304, 42.6869



84.3211, -54.0661, -72.2654



84.3211, 62.3991, -69.1756



84.3211, 60.0569, 43.4509

Rectangle

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



84.3193, -55.4289, 42.6864



84.3211, -71.2402, -3.7846



84.3211, 62.3991, -69.1756



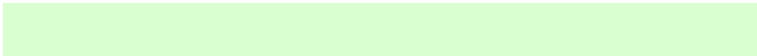
84.3211, 92.8794, 12.1847

Sweetspot

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



84.3211, -55.4304, 42.6869



95.3234, -24.7477, 20.7449



84.3719, -8.8530, 43.5386



43.7880, -12.7825, 10.6216

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.3211, -55.4304, 42.6869



86.5108, -63.7848, 48.0591



84.0409, -55.1953, 31.7621



43.1363, -7.0253, 6.1184



59.5673, -49.7779, 35.8336



17.7663, -14.3037, 10.6971

Inverse Universe

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



55.6347, 66.0096, -57.4839



52.5260, 81.3982, -72.9994



57.1514, 64.9930, -19.9880



40.7644, 2.7558, -1.8022



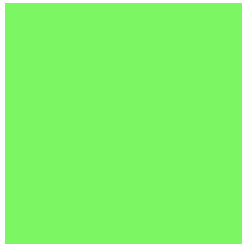
32.3581, 66.3897, -64.1707



9.7832, 19.9446, -18.4108

Previews

White Background



This preview shows how the HunterLab color 84.3193, -55.4289, 42.6864 looks on a white background.

Color Contrast Check

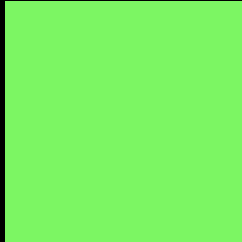
Large Text (above 18pt) WCAG AA × Fail

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 84.3193, -55.4289, 42.6864 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

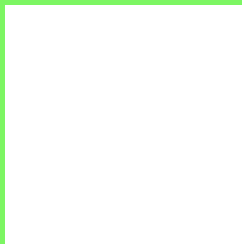
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.3193, -55.4289, 42.6864 Background



This preview shows how black text looks on a background with the HunterLab color 84.3193, -55.4289, 42.6864.



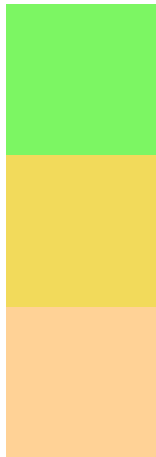
This preview shows how white text looks on a background with the HunterLab color 84.3193,

-55.4289, 42.6864.

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

84.3193, -55.4289, 42.6864

Protanopia

83.5317, -10.3204, 44.2660

Deuteranopia

83.3998, 3.4250, 30.9377



Tritanopia

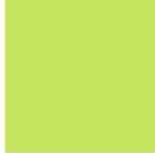
84.1212, -22.4172, -11.7249

Trichromacy



Original Color

84.3193, -55.4289, 42.6864



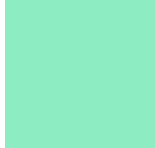
Protanomaly

82.7267, -29.7293, 42.8658



Deuteranomaly

82.2675, -21.9923, 34.8325



Tritanomaly

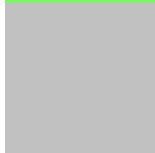
83.4486, -37.1828, 14.5067

Monochromacy



Original Color

84.3193, -55.4289, 42.6864



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

76.1019, -25.4010, 20.8942

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.3193, -55.4289, 42.6864 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(124, 246, 99)` looks like.

```
.text, #text, p{  
    color:rgb(124, 246, 99)  
}
```

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(124, 246, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 246, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 84.3193, -55.4289, 42.6864 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(124, 246, 99) }
```


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

```
.border{ border-color:rgb(124, 246, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 246, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 246, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 246, 99);  
box-shadow:4px 4px 4px 4px rgb(124, 246,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.3193, -55.4289, 42.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 246, 99) }
```

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

```
.background{ background-color: rgb(124,  
246, 99) }
```

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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