

Converting Colors

HunterLab(87.6595, -35.0148,
45.2477)

Have a look what the booklet for
HunterLab(87.6595, -35.0148,
45.2477) contains.

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Color

**HunterLab(87.6595,
-35.0148, 45.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F264
RGB	201, 242, 100
RGB Percent	79%, 95%, 39%
CMY	0.2118, 0.0510, 0.6078
CMYK	0.17, 0.00, 0.59, 0.05
HSL	77°, 85%, 67%
HSV	77°, 59%, 95%
XYZ	58.1398, 76.8419, 23.8243
YIQ	213.5530, 21.1460, -52.8540

Conversions

Conversions Part 2

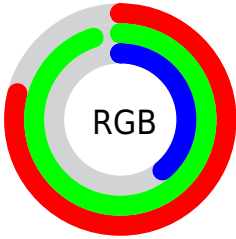
Format	Color
RYB	100, 242, 141
Decimal	13234788
CIELab	90.25, -33.53, 62.67
CIELCh	90, 71.077, 118.150
Yxy	76.8453, 0.3661, 0.4839
Android (android.graphics.Color)	4291424868 (0xFFC9F264)
YUV	213.5530, -55.9816, -11.0090
Hunter-Lab	87.6595, -35.0148, 45.2477

Details

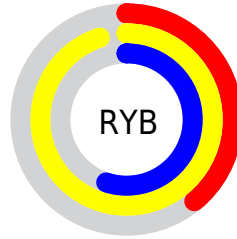
The HunterLab color $87.6595, -35.0148, 45.2477$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $46.0325, 41.8685, -79.1057$, and the grayscale version is $82.0388, -4.3774, 4.4573$.

A 20% lighter version of the original color is $97.5431, -18.9667, 40.9244$, and $64.2040, -30.3506, 36.9203$ is the 20% darker color. If you saturate the color by 10%, you get $86.8893, -38.4463, 48.2265$, and if you desaturate by 10%, it is $88.5304, -31.1018, 41.1914$.

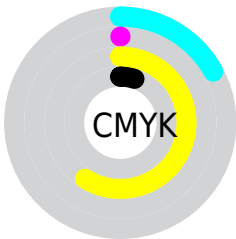
Distribution



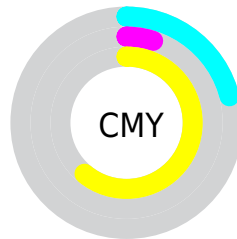
- Red (79%)
- Green (95%)
- Blue (39%)



- Red (39%)
- Yellow (95%)
- Blue (55%)



- Cyan (17%)
- Magenta (0%)
- Yellow (59%)
- Black (5%)





- Cyan (21%)
- Magenta (5%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.6595, -35.0148, 45.2477 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 87.6595, -35.0148, 45.2477 by changing the saturation by 10% instead.


 87.6595, -35.0148,
45.2477


 87.6595, -35.0148,
45.2477


220.0537,
-54.4154, 77.1957


 75.5817, -32.6848,
41.1455


 113.5434,
-39.5261, 53.0131


 64.1142, -30.2832,
36.8639


 127.2974,
-41.7213, 56.7140

 53.2937, -27.7939,
32.3754


 141.5658,
-43.8864, 60.3148

 43.1614, -25.1911,
27.6511

 156.3308,
-46.0266, 63.8280

 33.7677, -22.4377,
22.8116

171.5762,
-48.1463, 67.2643

 25.1759, -19.4763,
17.6232

187.2872,

 17.4695, -16.2128,

-50.2490, 70.6326

12.2287

203.4505,
-52.3379, 73.9409

■ 10.7651, -14.5279,
7.5355

■ 1.6649, -2.9135,
1.1654

■ 87.6595, -35.0148,
45.2477

■ 87.6595, -35.0148,
45.2477

■ 86.8893, -38.4463,
48.2265

■ 88.5304, -31.1018,
41.1914

■ 86.2089, -41.4082,
50.1943


■ 89.4998, -26.6909,
36.0104


■ 85.6131, -43.9347,
51.2501


■ 90.5724, -21.7834,
29.6794


■ 85.0906, -46.0865,
51.5616


■ 91.7499, -16.3847,
22.1889

 85.0247, -46.3563,
51.5803

 93.0330, -10.5060,
13.5439

 94.4220, -4.1627,
3.7610

 95.4131, -0.0983,
0.0019

 95.9102, 1.6003,
0.6426

Harmonies

Analogous

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



87.6615, -2.4350, 48.3780



87.6595, -35.0148, 45.2477



87.6615, -56.0883, 32.9009

Triad

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



87.6615, -35.0172, 45.2483



87.6615, -38.3124, -71.6487



87.6615, 75.8186, 2.6180

Complementary

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



87.6595, -35.0148, 45.2477



46.0325, 41.8685, -79.1057

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.



87.6615, 62.2325, -37.5919



87.6595, -35.0148, 45.2477



87.6615, -6.9068, -89.8976

Square

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



87.6615, -35.0172, 45.2483



87.6615, -57.7637, -32.3408



87.6615, 30.4369, -75.4441



87.6615, 65.1094, 30.5070

Rectangle

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



87.6595, -35.0148, 45.2477



87.6615, -62.6798, 17.2496



87.6615, 30.4369, -75.4441



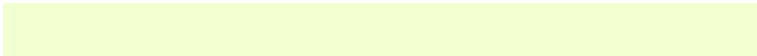
87.6615, 73.9030, -9.8619

Sweetspot

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



87.6615, -35.0172, 45.2483



97.4477, -17.0115, 23.0081



62.1484, 30.0611, 27.3187



44.9088, -8.6727, 11.7869

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6615, -35.0172, 45.2483



92.0919, -41.3082, 51.5625



83.2075, -52.5549, 41.7603



42.6807, -5.0477, 6.5552



62.3754, -33.7429, 37.8447



18.1305, -9.1807, 11.0112

Inverse Universe

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



46.0325, 41.8685, -79.1057



41.2926, 55.5979, -109.4249



54.2314, 61.4977, -57.3513



39.3062, 0.8137, -2.4969



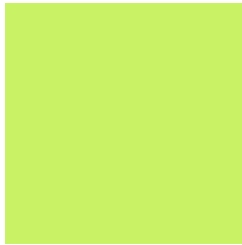
20.4971, 51.9035, -116.9980



6.3122, 15.3485, -31.1051

Previews

White Background



This preview shows how the HunterLab color 87.6595, -35.0148, 45.2477 looks on a white background.

Color Contrast Check

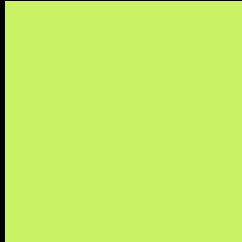
Large Text (above 18pt) WCAG AA × Fail

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 87.6595, -35.0148, 45.2477 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 87.6595, -35.0148, 45.2477 Background



This preview shows how black text looks on a background with the HunterLab color 87.6595, -35.0148, 45.2477.



This preview shows how white text looks on a background with the HunterLab color 87.6595, -35.0148, 45.2477.

-35.0148, 45.2477.

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

87.6595, -35.0148, 45.2477

Protanopia

87.4413, -10.7807, 46.3513

Deuteranopia

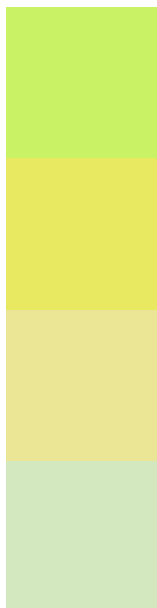
87.2853, 0.8977, 25.1902



Tritanopia

87.4278, -4.2334, -4.7852

Trichromacy



Original Color

87.6595, -35.0148, 45.2477

Protanomaly

87.1206, -20.0650, 45.6355

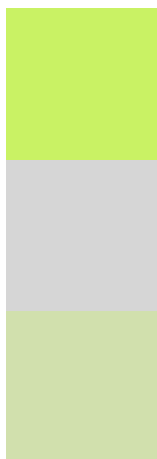
Deuteranomaly

87.1222, -13.5823, 33.8102

Tritanomaly

86.9000, -17.4863, 19.2166

Monochromacy



Original Color

87.6595, -35.0148, 45.2477

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

83.5965, -17.1258, 23.1720

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6595, -35.0148, 45.2477 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(201, 242, 100)` looks like.

```
.text, #text, p{  
    color:rgb(201, 242, 100)  
}
```

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(201, 242, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 242, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6595, -35.0148, 45.2477 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(201, 242, 100) }
```


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

```
.border{ border-color:rgb(201, 242, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 242, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 242, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 242, 100);  
box-shadow:4px 4px 4px 4px rgb(201, 242,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6595, -35.0148, 45.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 242, 100) }
```

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

```
.background{ background-color: rgb(201,  
242, 100) }
```

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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