

Converting Colors

HunterLab(85.7779, -42.6953,
48.3982)

Have a look what the booklet for
HunterLab(85.7779, -42.6953,
48.3982) contains.

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Color

**HunterLab(85.7979,
-42.8198, 48.4491)**

Conversions

Conversions Part 1

Format	Color
Hex	B4F243
RGB	180, 242, 67
RGB Percent	71%, 95%, 26%
CMY	0.2941, 0.0510, 0.7372
CMYK	0.26, 0.00, 0.72, 0.05
HSL	81°, 87%, 61%
HSV	81°, 72%, 95%
XYZ	51.5876, 73.6128, 16.7999
YIQ	203.5120, 19.2230, -67.5690

Conversions

Conversions Part 2

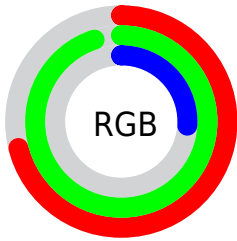
Format	Color
R _{YB}	67, 242, 129
Decimal	11858499
CIE Lab	88.74, -43.61, 73.31
CIE LCh	89, 85.304, 120.745
Yxy	73.6161, 0.3633, 0.5184
Android (android.graphics.Color)	4290048579 (0xFFB4F243)
YUV	203.5120, -67.3004, -20.6200
Hunter-Lab	85.7979, -42.8198, 48.4491

Details

The HunterLab color **85.7979, -42.8198, 48.4491** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **38.8513, 56.4756, -103.2747**, and the grayscale version is **77.7721, -4.1497, 4.2255**.

A 20% lighter version of the original color is **95.5914, -27.0069, 46.1874**, and **62.6541, -36.7538, 37.9637** is the 20% darker color. If you saturate the color by 10%, you get **85.0801, -45.9328, 50.0421**, and if you desaturate by 10%, it is **86.6204, -39.2110, 45.8819**.

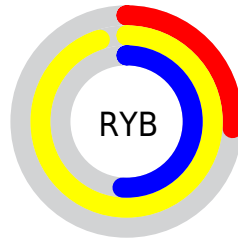
Distribution



Red (71%)

Green (95%)

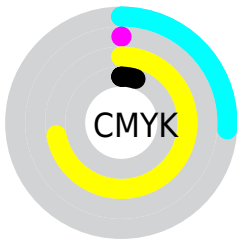
Blue (26%)



Red (26%)

Yellow (95%)

Blue (51%)

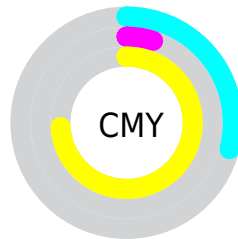


Cyan (26%)

Magenta (0%)

Yellow (72%)

Black (5%)



Cyan (29%)

Magenta (5%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7979, -42.8198, 48.4491 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 85.7979, -42.8198, 48.4491 by changing the saturation by 10% instead.

85.7979, -42.8198,
48.4491

85.7979, -42.8198,
48.4491

217.5195,
-66.1996, 85.2022

73.8105, -39.9291,
43.6888

111.5130,
-48.3575, 57.4455

62.4383, -36.9274,
38.7222

125.1876,
-51.0277, 61.7216

51.7188, -33.7897,
33.5287

139.3796,
-53.6465, 65.8731

41.6945, -30.4781,
28.1203

154.0706,
-56.2217, 69.9143

32.4174, -26.9377,
22.6922

169.2444,
-58.7597, 73.8577

23.9534, -23.0844,
16.7674

184.8861,

16.3897, -18.7811,

-61.2658, 77.7142

11.4728

200.9819,
-63.7445, 81.4930

■ 9.8499, -17.2373,
6.8949

0.0000, NaN, NaN

■ 85.7979, -42.8198,
48.4491

■ 85.7979, -42.8198,
48.4491

■ 85.0801, -45.9328,
50.0421

■ 86.6204, -39.2110,
45.8819

■ 84.4535, -48.5785,
50.7692

■ 87.5472, -35.0804,
42.2641

■ 84.0245, -50.3538,
50.8940

■ 88.5843, -30.4221,
37.5478

■ 89.7341, -25.2373,
31.7056

■ 90.9981, -19.5348,
24.7285

■ 92.3770, -13.3294,
16.6223

■ 93.8705, -6.6408,
7.4058

■ 95.2856, -0.5352,
-0.1631

■ 95.9101, 1.6004,
0.6425

Harmonies

Analogous

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



85.7998, -5.6534, 51.9218



85.7979, -42.8198, 48.4491



85.7998, -65.3567, 34.8556

Triad

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



85.7998, -42.8219, 48.4496



85.7998, -41.2975, -95.9106



85.7998, 94.4933, 5.6851

Complementary

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



85.7979, -42.8198, 48.4491



38.8513, 56.4756, -103.2747

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.



85.7998, 79.9259, -43.2246



85.7979, -42.8198, 48.4491



85.7998, -3.5067, -116.7232

Square

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



85.7998, -42.8219, 48.4496



85.7998, -64.6059, -45.9270



85.7998, 41.8058, -93.8834



85.7998, 78.4726, 35.8874

Rectangle

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



85.7979, -42.8198, 48.4491



85.7998, -71.7786, 16.3590



85.7998, 41.8058, -93.8834



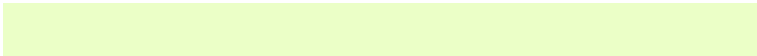
85.7998, 92.9880, -8.9364

Sweetspot

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



85.7998, -42.8219, 48.4496



96.6033, -20.5720, 26.0412



58.9820, 34.1345, 31.6031



44.5184, -10.3054, 13.0383

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.7998, -42.8219, 48.4496



89.9482, -50.1874, 53.5913



81.3962, -60.6294, 45.2258



42.6176, -5.2715, 6.4833



61.6482, -36.6467, 37.3457



17.9364, -9.9487, 10.8781

Inverse Universe

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



38.8513, 56.4756, -103.2747



34.2707, 71.5370, -141.3061



49.9879, 77.7882, -67.4775



39.3715, 1.0359, -2.4085



21.3766, 52.7183, -111.0715



6.5874, 15.6303, -29.4569

Previews

White Background



This preview shows how the HunterLab color 85.7979, -42.8198, 48.4491 looks on a white background.

Color Contrast Check

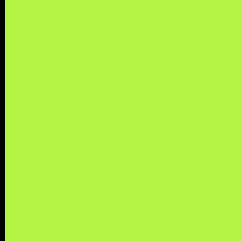
Large Text (above 18pt) WCAG AA × Fail

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 85.7979, -42.8198, 48.4491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

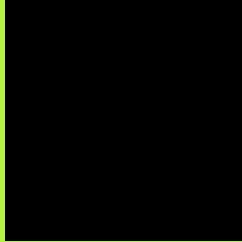
Any Text WCAG AA ✓ Pass

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 85.7979, -42.8198, 48.4491 Background



This preview shows how black text looks on a background with the HunterLab color 85.7979, -42.8198, 48.4491.



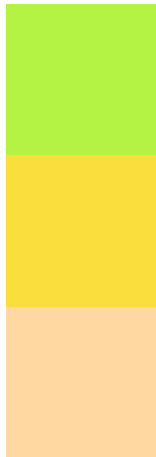
This preview shows how white text looks on a background with the HunterLab color 85.7979, -42.8198, 48.4491.

-42.8198, 48.4491.

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

85.7979, -42.8198, 48.4491

Protanopia

85.2819, -10.9808, 49.1897

Deuteranopia

85.4078, 1.4927, 29.2469



Tritanopia

85.6399, -8.9436, -6.6397

Trichromacy



Original Color

85.7979, -42.8198, 48.4491



Protanomaly

85.0036, -23.4226, 48.5855



Deuteranomaly

84.7801, -16.2466, 37.9149



Tritanomaly

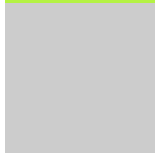
85.0564, -24.8481, 21.8770

Monochromacy



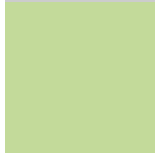
Original Color

85.7979, -42.8198, 48.4491



Achromatopsia

77.7063, -4.1462, 4.2219



Achromatomaly

80.0487, -20.9872, 26.3145

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.7979, -42.8198, 48.4491 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(180, 242, 67)` looks like.

```
.text, #text, p{  
    color:rgb(180, 242, 67)  
}
```

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(180, 242, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 242, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 85.7979, -42.8198, 48.4491 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(180, 242, 67) }
```


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

```
.border{ border-color:rgb(180, 242, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 242, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 242, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 242, 67);  
box-shadow:4px 4px 4px 4px rgb(180, 242,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.7979, -42.8198, 48.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 242, 67) }
```

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

```
.background{ background-color: rgb(180,  
242, 67) }
```

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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