

# Converting Colors

HunterLab(85.6977, -42.0349,  
40.8251)

Have a look what the booklet for  
HunterLab(85.6977, -42.0349,  
40.8251) contains.

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# Color

**HunterLab(85.7396,  
-42.0778, 40.8796)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACF273
RGB	172, 242, 115
RGB Percent	67%, 95%, 45%
CMY	0.3255, 0.0510, 0.5490
CMYK	0.29, 0.00, 0.52, 0.05
HSL	93°, 83%, 70%
HSV	93°, 52%, 95%
XYZ	51.8600, 73.5128, 27.6757
YIQ	206.5920, -0.9530, -54.3370

# Conversions

## Conversions Part 2

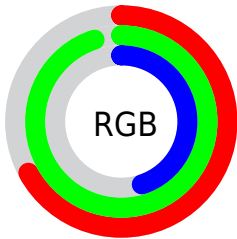
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 242, 185
Decimal	11334259
CIELab	88.69, -42.69, 53.81
CIELCh	89, 68.688, 128.424
Yxy	73.5160, 0.3388, 0.4803
Android (android.graphics.Color)	4289524339 (0xFFACF273)
YUV	206.5920, -45.1549, -30.3372
Hunter-Lab	85.7396, -42.0778, 40.8796

# Details

The HunterLab color  $85.7396, -42.0778, 40.8796$  is a light color, and the websafe version is hex  $CCFF66$ . A complement of this color would be  $53.8412, 45.5796, -58.5357$ , and the grayscale version is  $79.0056, -4.2155, 4.2925$ .

A 20% lighter version of the original color is  $95.5224, -25.8014, 34.8037$ , and  $62.2565, -36.0628, 33.3906$  is the 20% darker color. If you saturate the color by 10%, you get  $84.6142, -47.1013, 44.4102$ , and if you desaturate by 10%, it is  $87.0253, -36.3676, 36.2932$ .

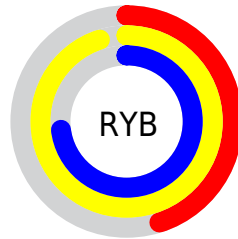
# Distribution



Red (67%)

Green (95%)

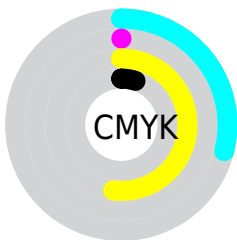
Blue (45%)



Red (45%)

Yellow (95%)

Blue (73%)

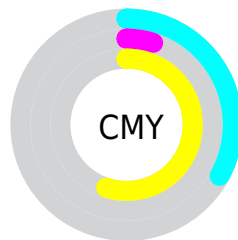


Cyan (29%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (33%)

Magenta (5%)


Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7396, -42.0778, 40.8796 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 85.7396, -42.0778, 40.8796 by changing the saturation by 10% instead.




 85.7396, -42.0778,  
40.8796


 85.7396, -42.0778,  
40.8796


217.4399,  
-65.0947, 69.1013


 73.7550, -39.2374,  
37.2828


 111.4493,  
-47.5222, 47.6986

 62.3858, -36.2897,  
33.5287


 125.1214,  
-50.1492, 50.9558

 51.6696, -33.2101,  
29.5883


 139.3110,  
-52.7266, 54.1306

 41.6487, -29.9615,  
25.4268

153.9997,  
-55.2622, 57.2341

 32.3753, -26.4904,  
21.0111

169.1713,  
-57.7620, 60.2757

 23.9153, -22.7146,  
16.7407

184.8107,

 16.3561, -18.4996,

-60.2312, 63.2631

11.4493

200.9044,  
-62.6742, 66.2031

■ 9.8215, -17.1877,  
6.8751

0.0000, NaN, NaN

■ 85.7396, -42.0778,  
40.8796

■ 85.7396, -42.0778,  
40.8796

■ 84.6142, -47.1013,  
44.4102

■ 87.0253, -36.3676,  
36.2932

■ 83.6402, -51.4253,  
46.9184


■ 88.4673, -29.9847,  
30.6383


■ 82.8139, -55.0608,  
48.4702


■ 90.0673, -22.9604,  
23.9246


■ 82.1270, -58.0373,  
49.1708

■ 91.8239, -15.3316,  
16.1776

 81.6908, -59.8993,  
49.2888

 93.7348, -7.1403,  
7.4354

 95.6190, 0.6070,  
0.2677

 95.9101, 1.6005,  
0.6424

# Harmonies

## Analogous

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



85.7415, -14.0951, 46.5978



85.7396, -42.0778, 40.8796



85.7415, -58.0203, 24.8044

# Triad

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



85.7415, -42.0797, 40.8802



85.7415, -27.6654, -77.3415



85.7415, 71.5208, 13.4175

# Complementary

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



85.7396, -42.0778, 40.8796



53.8412, 45.5796, -58.5357

# 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.



85.7415, 66.3485, -21.9737



85.7396, -42.0778, 40.8796



85.7415, 5.3700, -84.3229

# Square

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



85.7415, -42.0797, 40.8802



85.7415, -50.6613, -44.6227



85.7415, 40.7309, -61.0632



85.7415, 53.9139, 35.3827



# Rectangle

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



85.7396, -42.0778, 40.8796



85.7415, -61.3899, 6.3872



85.7415, 40.7309, -61.0632



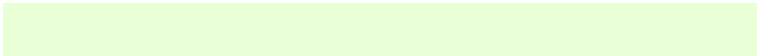
85.7415, 72.4375, 2.9107

# Sweetspot

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



85.7415, -42.0797, 40.8802



96.7609, -19.2278, 20.2229



73.9954, 8.0896, 32.7401



44.5873, -9.6714, 10.1455

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.7415, -42.0797, 40.8802



89.7162, -50.3284, 47.3487



82.7899, -53.6867, 37.0387



42.4307, -5.9364, 6.2697



59.9389, -43.6295, 36.1703



17.4556, -11.8921, 10.5479



# Inverse Universe

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



53.8412, 45.5796, -58.5357



50.3419, 59.3663, -79.3641



60.9726, 62.6306, -38.2443



39.5704, 1.7102, -2.1400



24.9446, 56.5244, -90.9024



7.5935, 16.7770, -24.3400



# Previews

## White Background



This preview shows how the HunterLab color 85.7396, -42.0778, 40.8796 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

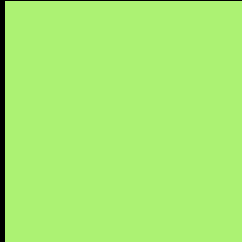
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.7396, -42.0778, 40.8796 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

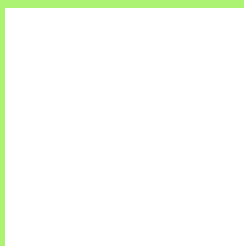
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.7396, -42.0778, 40.8796 Background



This preview shows how black text looks on a background with the HunterLab color 85.7396, -42.0778, 40.8796.



This preview shows how white text looks on a background with the HunterLab color 85.7396, -42.0778, 40.8796.

-42.0778, 40.8796.

# 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

85.7396, -42.0778, 40.8796

### Protanopia

85.2864, -10.1032, 42.5134

### Deuteranopia

85.2139, 2.5831, 27.4524



## Tritanopia

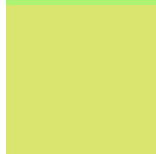
85.5669, -12.3445, -7.9040

# Trichromacy



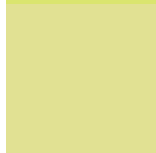
## Original Color

85.7396, -42.0778, 40.8796



## Protanomaly

84.9069, -22.8650, 41.4173



## Deuteranomaly

84.8319, -15.3824, 32.7112



## Tritanomaly

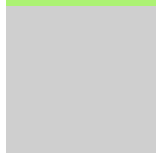
85.1736, -25.1985, 14.8521

# Monochromacy



## Original Color

85.7396, -42.0778, 40.8796



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

81.0628, -19.6901, 20.3170

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.7396, -42.0778, 40.8796 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(172, 242, 115)` looks like.

```
.text, #text, p{  
    color:rgb(172, 242, 115)  
}
```

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(172, 242, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 242, 115) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.7396, -42.0778, 40.8796 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(172, 242, 115) }
```



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

```
.border{ border-color:rgb(172, 242, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 242, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 242, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 242, 115);  
box-shadow:4px 4px 4px 4px rgb(172, 242,  
115) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.7396, -42.0778, 40.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 242, 115) }
```

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

```
.background{ background-color: rgb(172,  
242, 115) }
```

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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