

# Converting Colors

HunterLab(73.6018, -41.1337,  
36.0360)

Have a look what the booklet for  
HunterLab(73.6018, -41.1337,  
36.0360) contains.

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# Color

**HunterLab(73.5202,  
-41.1134, 36.0430)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87D65E
RGB	135, 214, 94
RGB Percent	53%, 84%, 37%
CMY	0.4706, 0.1608, 0.6314
CMYK	0.37, 0.00, 0.56, 0.16
HSL	100°, 59%, 60%
HSV	100°, 56%, 84%
XYZ	36.0587, 54.0522, 19.1224
YIQ	176.6990, -8.5640, -54.0680

# Conversions

## Conversions Part 2

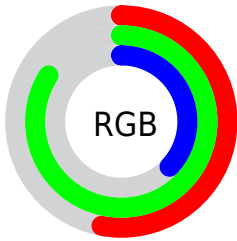
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 214, 173
Decimal	8902238
CIELab	78.49, -45.34, 50.92
CIELCh	78, 68.174, 131.682
Yxy	54.0545, 0.3301, 0.4948
Android (android.graphics.Color)	4287092318 (0xFF87D65E)
YUV	176.6990, -40.7706, -36.5700
Hunter-Lab	73.5202, -41.1134, 36.0430

# Details

The HunterLab color  $73.5202, -41.1134, 36.0430$  is a dark color, and the websafe version is hex  $66CC66$ . The color can be described as middle muted chartreuse. A complement of this color would be  $46.6331, 46.1491, -51.3460$ , and the grayscale version is  $66.3496, -3.5402, 3.6049$ .

A 20% lighter version of the original color is  $92.1220, -39.4448, 38.0428$ , and  $51.5932, -34.8531, 28.7706$  is the 20% darker color. If you saturate the color by 10%, you get  $72.5463, -45.4894, 38.8110$ , and if you desaturate by 10%, it is  $74.6596, -36.0332, 32.3964$ .

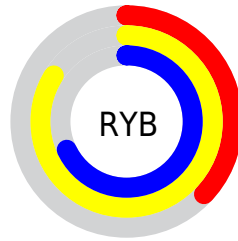
# Distribution



Red (53%)

Green (84%)

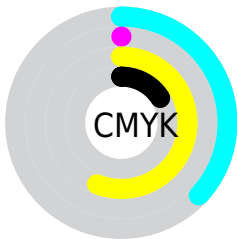
Blue (37%)



Red (37%)

Yellow (84%)

Blue (68%)

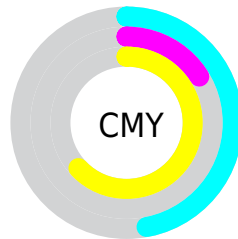


Cyan (37%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (47%)

Magenta (16%)


Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.5202, -41.1134, 36.0430 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 73.5202, -41.1134, 36.0430 by changing the saturation by 10% instead.





 73.5202, -41.1134,  
36.0430


 73.5202, -41.1134,  
36.0430


200.5786,  
-65.6588, 63.6759

 62.1653, -38.0075,  
32.4695


 98.0583, -47.0033,  
42.7729


 51.4625, -34.7553,  
28.7187


 111.1816,  
-49.8220, 45.9715

 41.4560, -31.3182,  
24.7556


 124.8432,  
-52.5753, 49.0812

 32.1981, -27.6382,  
20.5407

 139.0226,  
-55.2735, 52.1149

 23.7552, -23.6263,  
16.6286

153.7016,  
-57.9247, 55.0831

 16.2151, -19.1380,  
11.3506

168.8637,

 9.7026, -16.9796,

-60.5357, 57.9946

6.7918

184.4939,  
-63.1122, 60.8568

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.5202, -41.1134,  
36.0430

■ 73.5202, -41.1134,  
36.0430

■ 72.5463, -45.4894,  
38.8110

■ 74.6596, -36.0332,  
32.3964

■ 71.7293, -49.1493,  
40.7306

■ 75.9614, -30.2664,  
27.8618

■ 71.0643, -52.1061,  
41.8635

■ 77.4272, -23.8486,  
22.4515

■ 70.5413, -54.3955,  
42.3122

■ 79.0553, -16.8222,  
16.1926

■ 70.3678, -55.1511,

■ 80.8427, -9.2354,

42.3948

9.1241

■ 82.7855, -1.1399,  
1.2936

■ 84.8790, 7.4121,  
-7.2461

■ 86.7293, 14.3310,  
-10.9828

■ 87.5074, 16.8567,  
-9.8841

# Harmonies

## Analogous

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



73.5218, -16.1841, 41.7067



73.5202, -41.1134, 36.0430



73.5218, -54.4405, 20.3738

# Triad

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



73.5218, -41.1149, 36.0435



73.5218, -22.5954, -78.0075



73.5218, 68.0149, 15.0729

# Complementary

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



73.5202, -41.1134, 36.0430



46.6331, 46.1491, -51.3460

# 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.



73.5218, 65.4835, -17.2957



73.5202, -41.1134, 36.0430



73.5218, 9.1900, -81.5242

# Square

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



73.5218, -41.1149, 36.0435



73.5218, -45.1021, -47.6690



73.5218, 42.5335, -55.8539



73.5218, 48.9440, 33.6216



# Rectangle

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



73.5202, -41.1134, 36.0430



73.5218, -56.6447, 2.2318



73.5218, 42.5335, -55.8539



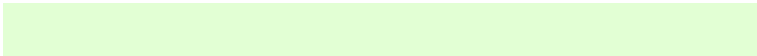
73.5218, 69.7409, 5.7293

# Sweetspot

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



73.5218, -41.1149, 36.0435



96.1764, -21.4871, 20.6315



66.7920, 2.0572, 31.7919



44.3039, -10.7646, 10.2890

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.5218, -41.1149, 36.0435



88.2945, -56.2421, 47.7691



71.8646, -47.3011, 30.8066



37.5501, -5.5391, 5.4189



54.7538, -42.6771, 32.9919



13.6135, -9.7863, 8.2173



# Inverse Universe

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



46.6331, 46.1491, -51.3460



50.4030, 68.1911, -79.0371



51.2724, 55.4485, -27.8295



35.2285, 1.7977, -1.7179



25.3199, 54.9507, -73.4793



6.5693, 13.9444, -16.6404



# Previews

## White Background



This preview shows how the HunterLab color 73.5202, -41.1134, 36.0430 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 73.5202, -41.1134, 36.0430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

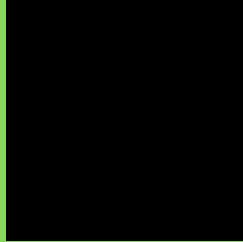
Any Text WCAG AA ✓ Pass

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 73.5202, -41.1134, 36.0430 Background



This preview shows how black text looks on a background with the HunterLab color 73.5202, -41.1134, 36.0430.



This preview shows how white text looks on a background with the HunterLab color 73.5202, -41.1134, 36.0430.

-41.1134, 36.0430.

# 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

73.5202, -41.1134, 36.0430

### Protanopia

72.8976, -8.6577, 37.2585

### Deuteranopia

72.9690, 5.5359, 34.8462



## Tritanopia

73.3155, -14.0458, -8.1567

# Trichromacy



## Original Color

73.5202, -41.1134, 36.0430



## Protanomaly

72.6813, -22.2268, 36.5061



## Deuteranomaly

72.2568, -13.8341, 34.5961



## Tritanomaly

73.0870, -25.9842, 12.9191

# Monochromacy



## Original Color

73.5202, -41.1134, 36.0430



## Achromatopsia

66.3066, -3.5380, 3.6026



## Achromatomaly

68.2751, -18.6164, 17.7738

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.5202, -41.1134, 36.0430 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(135, 214, 94)` looks like.

```
.text, #text, p{  
    color:rgb(135, 214, 94)  
}
```

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(135, 214, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 214, 94) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.5202, -41.1134, 36.0430 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(135, 214, 94) }
```



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

```
.border{ border-color:rgb(135, 214, 94) }
```

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

Here you see how a box with a 4 pixel rgb(135, 214, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 214, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 214, 94);  
box-shadow:4px 4px 4px 4px rgb(135, 214,  
94) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.5202, -41.1134, 36.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 214, 94) }
```

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

```
.background{ background-color: rgb(135,  
214, 94) }
```

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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