

Converting Colors

HunterLab(74.5797, -33.8881,
45.0714)

Have a look what the booklet for
HunterLab(74.5797, -33.8881,
45.0714) contains.

HunterLab(74.6820, -34.1063, 45.1193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(74.6820,
-34.1063, 45.1193)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD40D
RGB	171, 212, 13
RGB Percent	67%, 83%, 5%
CMY	0.3294, 0.1686, 0.9489
CMYK	0.19, 0.00, 0.94, 0.17
HSL	72°, 88%, 44%
HSV	72°, 94%, 83%
XYZ	40.4108, 55.7740, 9.0164
YIQ	177.0550, 39.4430, -70.5810

Conversions

Conversions Part 2

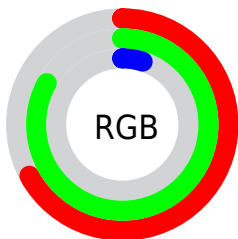
Format	Color
RYB	13, 212, 54
Decimal	11260941
CIELab	79.49, -35.60, 77.45
CIELCh	79, 85.245, 114.687
Yxy	55.7765, 0.3841, 0.5302
Android (android.graphics.Color)	4289451021 (0xFFABD40D)
YUV	177.0550, -80.8791, -5.3102
Hunter-Lab	74.6820, -34.1063, 45.1193

Details

The HunterLab color **74.6820, -34.1063, 45.1193** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **24.1396, 57.9610, -137.1045**, and the grayscale version is **66.6465, -3.5561, 3.6210**.

A 20% lighter version of the original color is **94.3739, -32.3840, 51.6481**, and **52.5592, -27.9029, 31.8982** is the 20% darker color. If you saturate the color by 10%, you get **74.4641, -35.0011, 45.2717**, and if you desaturate by 10%, it is **75.0753, -32.4760, 44.4839**.

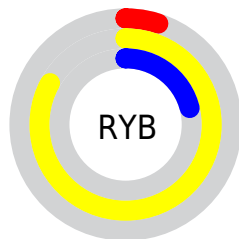
Distribution



Red (67%)

Green (83%)

Blue (5%)



Red (5%)

Yellow (83%)

Blue (21%)

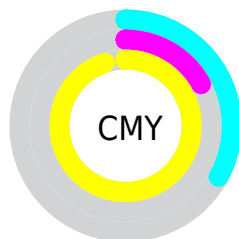


Cyan (19%)

Magenta (0%)

Yellow (94%)

Black (17%)



Cyan (33%)

Magenta (17%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.6820, -34.1063, 45.1193 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 74.6820, -34.1063, 45.1193 by changing the saturation by 10% instead.

■ 74.6820, -34.1063,
45.1193

■ 74.6820, -34.1063,
45.1193

202.2001,
-54.6183, 84.7332

■ 63.2643, -31.5821,
39.9219

■ 99.3367, -38.9428,
54.9074

■ 52.4948, -28.9575,
34.4971

■ 112.5145,
-41.2777, 59.5394

■ 42.4170, -26.2061,
28.9231

■ 126.2283,
-43.5708, 64.0229

■ 33.0821, -23.2864,
23.1575

■ 140.4581,
-45.8291, 68.3748

■ 24.5548, -20.1346,
17.1884

■ 155.1858,
-48.0587, 72.6098

■ 16.9203, -16.6454,
11.8442

■ 170.3950,

■ 10.2986, -15.7855,

-50.2642, 76.7407

7.2090

186.0709,
-52.4496, 80.7786

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6820, -34.1063,
45.1193

■ 74.6820, -34.1063,
45.1193

■ 74.4641, -35.0011,
45.2717

■ 75.0753, -32.4760,
44.4839

■ 75.5257, -30.5283,
43.1247

■ 76.0418, -28.2297,
40.9420

■ 76.6289, -25.5561,
37.8638

■ 77.2910, -22.4917,

33.8384

■ 78.0313, -19.0277,
28.8309

■ 78.8519, -15.1610,
22.8209

■ 79.7544, -10.8935,
15.8002

■ 80.7400, -6.2314,
7.7721

Harmonies

Analogous

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



74.6837, 3.4424, 46.7974



74.6820, -34.1063, 45.1193



74.6837, -57.9865, 35.6923

Triad

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



74.6837, -34.1084, 45.1197



74.6837, -44.2673, -86.5060



74.6837, 91.6800, -3.2080

Complementary

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



74.6820, -34.1063, 45.1193



24.1396, 57.9610, -137.1045

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.



74.6837, 71.7239, -53.4771



74.6820, -34.1063, 45.1193



74.6837, -11.1406, -115.5600

Square

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



74.6837, -34.1084, 45.1197



74.6837, -62.9057, -34.4664



74.6837, 31.8193, -101.0184



74.6837, 81.8515, 29.0680

Rectangle

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



74.6820, -34.1063, 45.1193



74.6837, -65.7645, 21.2629



74.6837, 31.8193, -101.0184



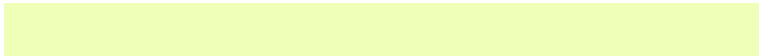
74.6837, 88.1243, -18.5420

Sweetspot

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



74.6837, -34.1084, 45.1197



96.7157, -20.8609, 31.5657



40.6899, 53.7759, 25.4584



44.5444, -10.5965, 16.0574

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.6837, -34.1084, 45.1197



91.7276, -43.2990, 55.7641



69.6592, -54.3982, 41.6466



37.9272, -4.1987, 5.8500



58.5436, -27.3545, 35.5954



14.4932, -6.2710, 8.8208

Inverse Universe

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



24.1396, 57.9610, -137.1045



28.2219, 73.9130, -180.0729



34.2747, 70.4028, -85.4010



34.8292, 0.4430, -2.2566



18.1536, 47.2533, -113.5753



4.8440, 11.9494, -25.1939

Previews

White Background



This preview shows how the HunterLab color 74.6820, -34.1063, 45.1193 looks on a white background.

Color Contrast Check

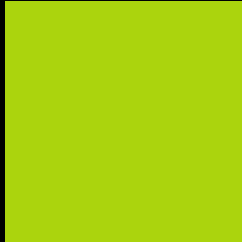
Large Text (above 18pt) WCAG AA × Fail

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 74.6820, -34.1063, 45.1193 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 74.6820, -34.1063, 45.1193 Background



This preview shows how black text looks on a background with the HunterLab color 74.6820, -34.1063, 45.1193.



This preview shows how white text looks on a background with the HunterLab color 74.6820,

-34.1063, 45.1193.

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

74.6820, -34.1063, 45.1193

Protanopia

74.4729, -10.2685, 45.7101

Deuteranopia

74.1879, 5.5908, 44.2781



Tritanopia

74.5355, -3.6002, -4.2094

Trichromacy



Original Color

74.6820, -34.1063, 45.1193

Protanomaly

74.1273, -19.4919, 45.2208

Deuteranomaly

73.6098, -10.0847, 44.1921

Tritanomaly

73.5388, -19.1116, 24.9761

Monochromacy



Original Color

74.6820, -34.1063, 45.1193

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

68.7206, -18.1712, 27.5071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.6820, -34.1063, 45.1193 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(171, 212, 13)` looks like.

```
.text, #text, p{  
    color:rgb(171, 212, 13)  
}
```

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(171, 212, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 212, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 74.6820, -34.1063, 45.1193 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(171, 212, 13) }
```


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

```
.border{ border-color:rgb(171, 212, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 212, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 212, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 212, 13);  
box-shadow:4px 4px 4px 4px rgb(171, 212,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.6820, -34.1063, 45.1193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 212, 13) }
```

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

```
.background{ background-color: rgb(171,  
212, 13) }
```

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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