

Converting Colors

HunterLab(75.0324, -45.5738,
45.4368)

Have a look what the booklet for
HunterLab(75.0324, -45.5738,
45.4368) contains.

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Color

**HunterLab(74.9346,
-45.4310, 45.3790)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8BDB00 |
| RGB | 139, 219, 0 |
| RGB Percent | 55%, 86%, 0% |
| CMY | 0.4549, 0.1412, 0.9999 |
| CMYK | 0.37, 0.00, 1.00, 0.14 |
| HSL | 82°, 100%, 43% |
| HSV | 82°, 100%, 86% |
| XYZ | 35.9789, 56.1519, 8.9421 |
| YIQ | 170.1140, 22.6190, -85.0690 |

Conversions

Conversions Part 2

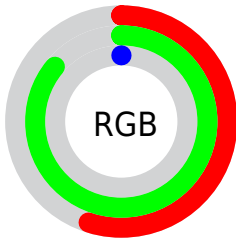
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 219, 80 |
| Decimal | 9165568 |
| CIELab | 79.70, -50.81, 78.06 |
| CIELCh | 80, 93.144, 123.059 |
| Yxy | 56.1544, 0.3560, 0.5556 |
| Android (android.graphics.Color) | 4287355648 (0xFF8BDB00) |
| YUV | 170.1140, -83.8662, -27.2870 |
| Hunter-Lab | 74.9346, -45.4310, 45.3790 |

Details

The HunterLab color $74.9346, -45.4310, 45.3790$ is a dark color, and the websafe version is hex $66CC00$. The color can be described as dark washed chartreuse. A complement of this color would be $26.1195, 64.3058, -134.9141$, and the grayscale version is $63.7804, -3.4032, 3.4653$.

A 20% lighter version of the original color is $91.7593, -42.4433, 50.1099$, and $52.7794, -37.1641, 31.8718$ is the 20% darker color. If you saturate the color by 10%, you get $74.9356, -45.4353, 45.3795$, and if you desaturate by 10%, it is $75.4495, -43.2955, 45.1400$.

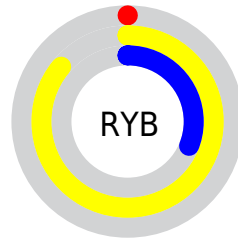
Distribution



Red (55%)

Green (86%)

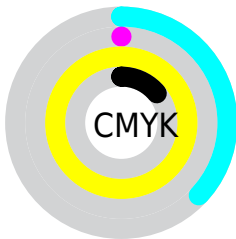
Blue (0%)



Red (0%)

Yellow (86%)

Blue (31%)

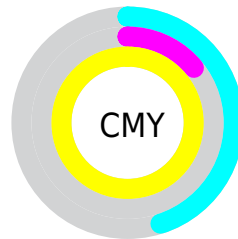


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (45%)


Magenta (14%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.9346, -45.4310, 45.3790 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 74.9346, -45.4310, 45.3790 by changing the saturation by 10% instead.


 74.9346, -45.4310,
45.3790


 74.9346, -45.4310,
45.3790


202.5520,
-72.1940, 85.2464


 63.5033, -42.0144,
40.1501


 99.6144, -51.8920,
55.2287

 52.7194, -38.4302,
34.6943


 112.8039,
-54.9752, 59.8905

 42.6262, -34.6361,
29.0966


 126.5291,
-57.9814, 64.4030

 33.2747, -30.5684,
23.2923

 140.7698,
-60.9221, 68.7831

 24.7292, -26.1318,
17.3104

 155.5080,
-63.8066, 73.0454

 17.0744, -21.1748,
11.9521

 170.7274,

 10.4293, -18.2512,

-66.6427, 77.2029

7.3005

186.4132,
-69.4367, 81.2667

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9346, -45.4310,
45.3790

■ 74.9346, -45.4310,
45.3790

■ 74.9356, -45.4353,
45.3795

■ 75.4495, -43.2955,
45.1400

■ 76.0360, -40.7985,
44.2938

■ 76.7089, -37.8729,
42.6530

■ 77.4742, -34.4928,
40.1311

■ 78.3362, -30.6445,

36.6699

■ 79.2980, -26.3241,
32.2326

■ 80.3615, -21.5353,
26.8005

■ 81.5278, -16.2880,
20.3701

■ 82.7971, -10.5975,
12.9505

Harmonies

Analogous

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



74.9362, -8.5428, 48.4374



74.9346, -45.4310, 45.3790



74.9362, -66.3600, 32.5132

Triad

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



74.9362, -45.4327, 45.3793



74.9362, -39.1663, -111.8731



74.9362, 102.8446, 8.3202

Complementary

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



74.9346, -45.4310, 45.3790



26.1195, 64.3058, -134.9141

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.



74.9362, 89.2638, -43.3420



74.9346, -45.4310, 45.3790



74.9362, 0.6487, -132.5090

Square

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



74.9362, -45.4327, 45.3793



74.9362, -63.3839, -55.7852



74.9362, 49.0010, -102.1912



74.9362, 82.6982, 36.4200

Rectangle

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



74.9346, -45.4310, 45.3790



74.9362, -71.7623, 13.3196



74.9362, 49.0010, -102.1912



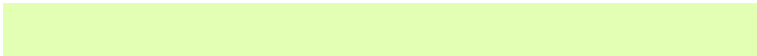
74.9362, 102.0817, -6.5125

Sweetspot

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



74.9362, -45.4327, 45.3793



95.4429, -25.7472, 32.0319



45.0805, 47.2051, 28.6037



43.9014, -13.0594, 16.1499

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.9362, -45.4327, 45.3793



88.9853, -54.1704, 53.8840



71.4050, -60.0732, 42.9471



38.7475, -4.8020, 5.8499



57.7570, -34.7626, 34.9810



14.8637, -8.1963, 9.0154

Inverse Universe

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



26.1195, 64.3058, -134.9141



30.9126, 76.2942, -161.0727



39.4642, 80.5397, -74.9629



35.8436, 0.9460, -2.1334



20.2511, 49.6554, -102.9957



5.5994, 13.0978, -23.5803

Previews

White Background



This preview shows how the HunterLab color 74.9346, -45.4310, 45.3790 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 74.9346, -45.4310, 45.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

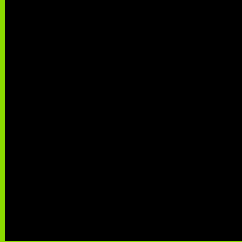
Any Text WCAG AA ✓ Pass

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 74.9346, -45.4310, 45.3790 Background



This preview shows how black text looks on a background with the HunterLab color 74.9346, -45.4310, 45.3790.



This preview shows how white text looks on a background with the HunterLab color 74.9346,

-45.4310, 45.3790.

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

74.9346, -45.4310, 45.3790

Protanopia

74.4729, -10.2685, 45.7101

Deuteranopia

74.2067, 5.6914, 43.9994



Tritanopia

74.8561, -13.1731, -7.7346

Trichromacy



Original Color

74.9346, -45.4310, 45.3790

Protanomaly

74.0737, -24.6367, 45.2126

Deuteranomaly

73.4011, -15.6038, 44.1187

Tritanomaly

73.7322, -30.1112, 24.9552

Monochromacy



Original Color

74.9346, -45.4310, 45.3790

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

66.6484, -22.9284, 28.0460

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.9346, -45.4310, 45.3790 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(139, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 219, 0)  
}
```

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(139, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 219, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 74.9346, -45.4310, 45.3790 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(139, 219, 0) }
```


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

```
.border{ border-color:rgb(139, 219, 0) }
```

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

Here you see how a box with a 4 pixel rgb(139, 219, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 219,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.9346, -45.4310, 45.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 219, 0) }
```

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

```
.background{ background-color: rgb(139,  
219, 0) }
```

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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