

Converting Colors

HunterLab(76.7129, -43.3826,
46.5106)

Have a look what the booklet for
HunterLab(76.7129, -43.3826,
46.5106) contains.

HunterLab(76.7580, -43.4693, 46.5369)	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(76.7580,
-43.4693, 46.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	98DE00
RGB	152, 222, 0
RGB Percent	60%, 87%, 0%
CMY	0.4039, 0.1294, 0.9999
CMYK	0.32, 0.00, 1.00, 0.13
HSL	79°, 100%, 44%
HSV	79°, 100%, 87%
XYZ	39.0701, 58.9179, 9.3131
YIQ	175.7620, 29.5420, -83.8820

Conversions

Conversions Part 2

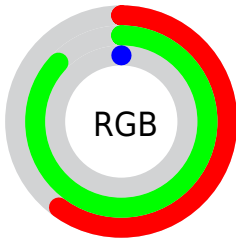
Format	Color
RYB	0, 222, 70
Decimal	10018304
CIELab	81.25, -47.40, 79.54
CIElCh	81, 92.596, 120.790
Yxy	58.9205, 0.3641, 0.5491
Android (android.graphics.Color)	4288208384 (0xFF98DE00)
YUV	175.7620, -86.6507, -20.8393
Hunter-Lab	76.7580, -43.4693, 46.5369

Details

The HunterLab color **76.7580, -43.4693, 46.5369** 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 **25.6481, 64.4797, -142.8282**, and the grayscale version is **66.1342, -3.5288, 3.5932**.

A 20% lighter version of the original color is **92.7669, -38.5323, 50.7251**, and **54.4055, -35.6596, 32.9001** is the 20% darker color. If you saturate the color by 10%, you get **76.7591, -43.4738, 46.5375**, and if you desaturate by 10%, it is **77.2496, -41.4469, 46.2837**.

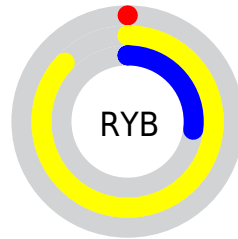
Distribution



Red (60%)

Green (87%)

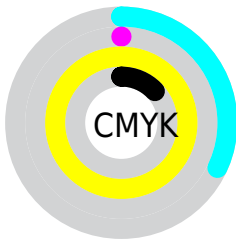
Blue (0%)



Red (0%)

Yellow (87%)

Blue (27%)

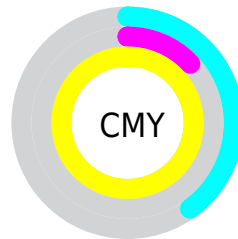


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (40%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7580, -43.4693, 46.5369 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 76.7580, -43.4693, 46.5369 by changing the saturation by 10% instead.

■ 76.7580, -43.4693,
46.5369

■ 76.7580, -43.4693,
46.5369

205.0871,
-68.7271, 86.8952

■ 65.2297, -40.2770,
41.2550

■ 101.6180,
-49.5294, 56.4965

■ 54.3429, -36.9379,
35.7481

■ 114.8918,
-52.4307, 61.2140

■ 44.1399, -33.4152,
30.0702

■ 128.6979,
-55.2649, 65.7821

■ 34.6699, -29.6539,
24.2689

■ 143.0166,
-58.0421, 70.2173

■ 25.9948, -25.5712,
18.1964

■ 157.8302,
-60.7707, 74.5344

■ 18.1956, -21.0357,
12.7369

■ 173.1227,

■ 11.3845, -19.5084,

-63.4574, 78.7459

7.9691

188.8794,
-66.1079, 82.8630

■ 3.7168, -6.5045,
2.6018

0.0000, NaN, NaN

■ 76.7580, -43.4693,
46.5369

■ 76.7580, -43.4693,
46.5369

■ 76.7591, -43.4738,
46.5375

■ 77.2496, -41.4469,
46.2837

■ 77.8058, -39.0899,
45.4109

■ 78.4415, -36.3299,
43.7292

■ 79.1628, -33.1382,
41.1487

■ 79.9745, -29.4983,
37.6073

■ 80.8798, -25.4028,
33.0643

■ 81.8811, -20.8518,
27.4968

■ 82.9797, -15.8514,
20.8969

■ 84.1763, -10.4131,
13.2698

Harmonies

Analogous

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



76.7597, -5.2863, 49.2823



76.7580, -43.4693, 46.5369



76.7597, -65.8385, 34.4156

Triad

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



76.7597, -43.4711, 46.5373



76.7597, -41.8400, -107.5728



76.7597, 102.6610, 5.3017

Complementary

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



76.7580, -43.4693, 46.5369



25.6481, 64.4797, -142.8282

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.



76.7597, 86.6879, -47.6548



76.7580, -43.4693, 46.5369



76.7597, -2.9061, -131.5880

Square

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



76.7597, -43.4711, 46.5373



76.7597, -65.0602, -50.8479



76.7597, 45.2629, -105.0990



76.7597, 84.9989, 35.4431

Rectangle

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



76.7580, -43.4693, 46.5369



76.7597, -72.0653, 16.1911



76.7597, 45.2629, -105.0990



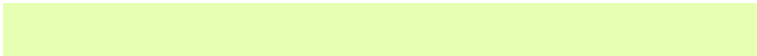
76.7597, 101.0187, -10.1575

Sweetspot

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



76.7597, -43.4711, 46.5373



95.7718, -24.5342, 32.3462



44.1588, 52.5207, 28.1287



44.0723, -12.4248, 16.3077

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7597, -43.4711, 46.5373



89.7693, -51.0238, 54.4222



72.6568, -60.3754, 43.7131



39.7511, -4.7703, 6.0550



59.2090, -33.2964, 35.9014



15.7386, -8.1701, 9.5550

Inverse Universe

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



25.6481, 64.4797, -142.8282



29.9063, 75.3568, -167.8151



38.3324, 79.3997, -81.8855



36.6769, 0.8206, -2.2604



19.8966, 49.8175, -109.1878



5.6662, 13.5356, -26.0435

Previews

White Background



This preview shows how the HunterLab color 76.7580, -43.4693, 46.5369 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 76.7580, -43.4693, 46.5369 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 76.7580, -43.4693, 46.5369 Background



This preview shows how black text looks on a background with the HunterLab color 76.7580, -43.4693, 46.5369.



This preview shows how white text looks on a background with the HunterLab color 76.7580,

-43.4693, 46.5369.

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

76.7580, -43.4693, 46.5369

Protanopia

76.2261, -10.3028, 46.7898

Deuteranopia

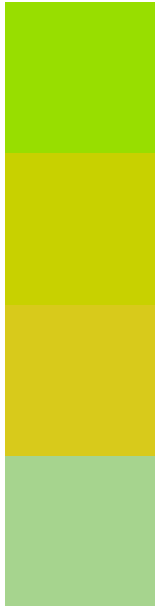
76.3619, 5.5837, 45.4508



Tritanopia

76.4650, -10.4497, -7.1969

Trichromacy



Original Color

76.7580, -43.4693, 46.5369

Protanomaly

76.0791, -23.7569, 46.4637

Deuteranomaly

75.4448, -14.5881, 45.4184

Tritanomaly

75.5956, -28.0388, 26.0195

Monochromacy



Original Color

76.7580, -43.4693, 46.5369

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

68.9386, -22.4294, 28.9032

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7580, -43.4693, 46.5369 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(152, 222, 0)` looks like.

```
.text, #text, p{  
    color:rgb(152, 222, 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(152, 222, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 222, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7580, -43.4693, 46.5369 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(152, 222, 0) }
```


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

```
.border{ border-color:rgb(152, 222, 0) }
```

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

Here you see how a box with a 4 pixel rgb(152, 222, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 222, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 222, 0);  
box-shadow:4px 4px 4px 4px rgb(152, 222,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7580, -43.4693, 46.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 222, 0) }
```

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

```
.background{ background-color: rgb(152,  
222, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor