

Converting Colors

HunterLab(77.0096, -46.2472,
46.4112)

Have a look what the booklet for
HunterLab(77.0096, -46.2472,
46.4112) contains.

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Color

**HunterLab(76.9836,
-46.1070, 46.3859)**

Conversions

Conversions Part 1

Format	Color
Hex	90E00B
RGB	144, 224, 11
RGB Percent	56%, 88%, 4%
CMY	0.4353, 0.1215, 0.9568
CMYK	0.36, 0.00, 0.95, 0.12
HSL	83°, 91%, 46%
HSV	83°, 95%, 88%
XYZ	38.2176, 59.2647, 9.7416
YIQ	175.7980, 20.6930, -83.2030

Conversions

Conversions Part 2

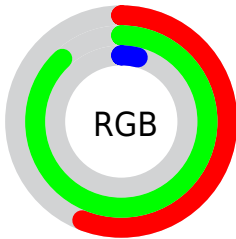
Format	Color
RYB	11, 224, 91
Decimal	9494539
CIELab	81.44, -50.94, 78.54
CIELCh	81, 93.617, 122.968
Yxy	59.2673, 0.3564, 0.5527
Android (android.graphics.Color)	4287684619 (0xFF90E00B)
YUV	175.7980, -81.2454, -27.8868
Hunter-Lab	76.9836, -46.1070, 46.3859

Details

The HunterLab color **76.9836, -46.1070, 46.3859** 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 **28.0142, 64.9848, -130.8598**, and the grayscale version is **66.1300, -3.5285, 3.5930**.

A 20% lighter version of the original color is **92.2473, -40.4800, 49.9166**, and **54.6718, -38.0209, 33.0229** is the 20% darker color. If you saturate the color by 10%, you get **76.7313, -47.1645, 46.4558**, and if you desaturate by 10%, it is **77.5510, -43.7285, 45.8967**.

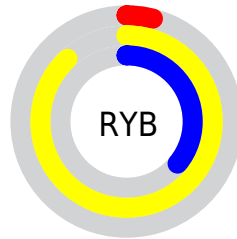
Distribution



Red (56%)

Green (88%)

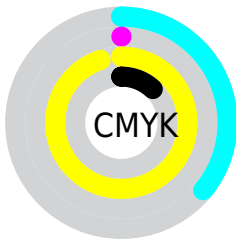
Blue (4%)



Red (4%)

Yellow (88%)

Blue (36%)

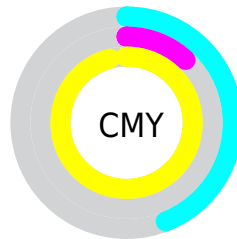


Cyan (36%)

Magenta (0%)

Yellow (95%)

Black (12%)



Cyan (44%)

Magenta (12%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.9836, -46.1070, 46.3859 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 76.9836, -46.1070, 46.3859 by changing the saturation by 10% instead.

■ 76.9836, -46.1070,
46.3859

■ 76.9836, -46.1070,
46.3859

205.4001,
-72.8221, 86.2669

■ 65.4434, -42.7077,
41.1669

■ 101.8657,
-52.5448, 56.2247

■ 54.5440, -39.1466,
35.7230

■ 115.1498,
-55.6205, 60.8851

■ 44.3275, -35.3835,
30.0806

■ 128.9659,
-58.6209, 65.3983

■ 34.8430, -31.3589,
24.3901

■ 143.2942,
-61.5573, 69.7808

■ 26.1521, -26.9838,
18.3065

■ 158.1171,
-64.4387, 74.0472

■ 18.3353, -22.1186,
12.8347

■ 173.4185,

■ 11.5040, -20.1320,

-67.2727, 78.2100

8.0528

189.1839,
-70.0654, 82.2800

■ 3.9904, -6.9832,
2.7933

0.0000, NaN, NaN

■ 76.9836, -46.1070,
46.3859

■ 76.9836, -46.1070,
46.3859

■ 76.7313, -47.1645,
46.4558

■ 77.5510, -43.7285,
45.8967

■ 78.2030, -40.9206,
44.6519

■ 78.9489, -37.6499,
42.5433

■ 79.7940, -33.8968,
39.4974

■ 80.7422, -29.6530,
35.4662

■ 81.7959, -24.9191,
30.4219

■ 82.9564, -19.7032,
24.3540

■ 84.2245, -14.0192,
17.2663

■ 85.5999, -7.8857,
9.1749

Harmonies

Analogous

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



76.9853, -8.5828, 49.5545



76.9836, -46.1070, 46.3859



76.9853, -67.4866, 33.1952

Triad

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



76.9853, -46.1087, 46.3863



76.9853, -39.9213, -112.6325



76.9853, 103.9689, 8.3701

Complementary

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



76.9836, -46.1070, 46.3859



28.0142, 64.9848, -130.8598

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.



76.9853, 90.1572, -43.9409



76.9836, -46.1070, 46.3859



76.9853, 0.4635, -133.5240

Square

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



76.9853, -46.1087, 46.3863



76.9853, -64.5394, -56.1189



76.9853, 49.4153, -103.1830



76.9853, 83.7222, 37.0788

Rectangle

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



76.9836, -46.1070, 46.3859



76.9853, -73.0334, 13.6835



76.9853, 49.4153, -103.1830



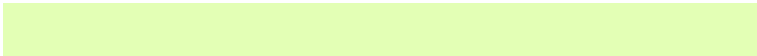
76.9853, 103.1631, -6.6901

Sweetspot

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



76.9853, -46.1087, 46.3863



95.5118, -25.3841, 31.2556



47.9969, 43.8825, 29.9515



43.9241, -12.9308, 15.8271

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.9853, -46.1087, 46.3863



88.8326, -54.7873, 53.7791



73.3333, -61.2245, 43.8591



39.6975, -4.9603, 5.9939



58.5975, -35.7493, 35.4817



15.5907, -8.7568, 9.4536

Inverse Universe

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



28.0142, 64.9848, -130.8598



31.1376, 76.5108, -159.6188



41.5997, 82.6954, -73.4338



36.7326, 1.0100, -2.1850



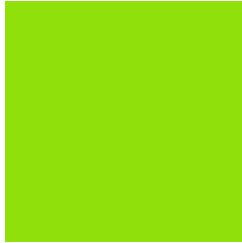
20.7225, 50.6044, -103.7903



5.8964, 13.7801, -24.7352

Previews

White Background



This preview shows how the HunterLab color 76.9836, -46.1070, 46.3859 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 76.9836, -46.1070, 46.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

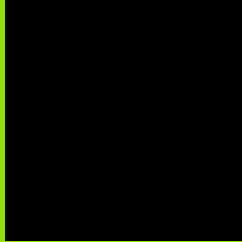
Any Text WCAG AA ✓ Pass

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 76.9836, -46.1070, 46.3859 Background



This preview shows how black text looks on a background with the HunterLab color 76.9836, -46.1070, 46.3859.



This preview shows how white text looks on a background with the HunterLab color 76.9836, -46.1070, 46.3859.

-46.1070, 46.3859.

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

76.9836, -46.1070, 46.3859

Protanopia

76.5323, -10.7857, 46.9700

Deuteranopia

76.3765, 5.6618, 45.2347



Tritanopia

76.6573, -12.8732, -8.0850

Trichromacy



Original Color

76.9836, -46.1070, 46.3859

Protanomaly

76.1395, -25.1812, 46.3865

Deuteranomaly

75.4770, -16.0339, 45.0976

Tritanomaly

75.8753, -30.1848, 24.6556

Monochromacy



Original Color

76.9836, -46.1070, 46.3859

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

68.7702, -22.9292, 27.7292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.9836, -46.1070, 46.3859 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(144, 224, 11)` looks like.

```
.text, #text, p{  
    color:rgb(144, 224, 11)  
}
```

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(144, 224, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 224, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 76.9836, -46.1070, 46.3859 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(144, 224, 11) }
```


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

```
.border{ border-color:rgb(144, 224, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 224, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 224, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 224, 11);  
box-shadow:4px 4px 4px 4px rgb(144, 224,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.9836, -46.1070, 46.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 224, 11) }
```

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

```
.background{ background-color: rgb(144,  
224, 11) }
```

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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