

Converting Colors

HunterLab(79.4748, -45.9163,
47.4757)

Have a look what the booklet for
HunterLab(79.4748, -45.9163,
47.4757) contains.

HunterLab(79.6468, -46.1298, 47.5858)	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(79.6468,
-46.1298, 47.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	99E619
RGB	153, 230, 25
RGB Percent	60%, 90%, 10%
CMY	0.4000, 0.0980, 0.9019
CMYK	0.33, 0.00, 0.89, 0.10
HSL	83°, 80%, 50%
HSV	83°, 89%, 90%
XYZ	41.6091, 63.4361, 10.9710
YIQ	183.6070, 19.9130, -80.0790

Conversions

Conversions Part 2

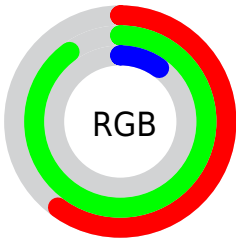
Format	Color
R_{YB}	25, 230, 102
Decimal	10085913
CIE Lab	83.67, -49.97, 78.78
CIE LCh	84, 93.289, 122.385
Yxy	63.4389, 0.3586, 0.5468
Android (android.graphics.Color)	4288275993 (0xFF99E619)
YUV	183.6070, -78.1933, -26.8423
Hunter-Lab	79.6468, -46.1298, 47.5858

Details

The HunterLab color **79.6468, -46.1298, 47.5858** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **30.3897, 64.9581, -126.2005**, and the grayscale version is **69.3817, -3.7020, 3.7696**.

A 20% lighter version of the original color is **93.0111, -37.4277, 49.6035**, and **57.1417, -38.2961, 34.5400** is the 20% darker color. If you saturate the color by 10%, you get **79.0965, -48.4344, 47.8476**, and if you desaturate by 10%, it is **80.2830, -43.4241, 46.6434**.

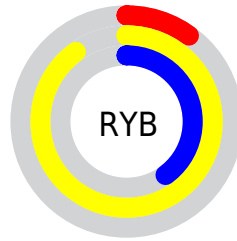
Distribution



Red (60%)

Green (90%)

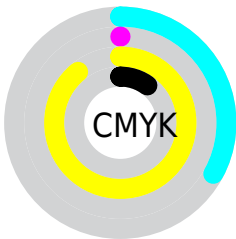
Blue (10%)



Red (10%)

Yellow (90%)

Blue (40%)

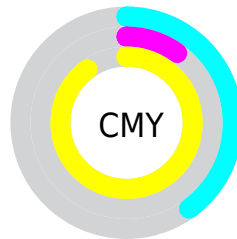


Cyan (33%)

Magenta (0%)

Yellow (89%)

Black (10%)



Cyan (40%)

Magenta (10%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.6468, -46.1298, 47.5858 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 79.6468, -46.1298, 47.5858 by changing the saturation by 10% instead.

■ 79.6468, -46.1298,
47.5858

■ 79.6468, -46.1298,
47.5858

209.0839,
-72.3135, 87.3169

■ 67.9679, -42.8190,
42.4009

■ 104.7867,
-52.4167, 57.3692

■ 56.9217, -39.3580,
36.9943

■ 118.1915,
-55.4263, 62.0079

■ 46.5487, -35.7108,
31.3588

■ 132.1237,
-58.3657, 66.5028

■ 36.8958, -31.8237,
25.8271

■ 146.5640,
-61.2453, 70.8700

■ 28.0215, -27.6175,
19.6150

■ 161.4951,
-64.0733, 75.1236

■ 20.0010, -22.9690,
14.0007

■ 176.9014,

■ 12.9375, -19.6202,

-66.8570, 79.2758

9.0563

192.7687,
-69.6021, 83.3371

■ 6.3765, -11.1589,
4.4636

0.0000, NaN, NaN

■ 79.6468, -46.1298,
47.5858

■ 79.6468, -46.1298,
47.5858

■ 79.0965, -48.4344,
47.8476

■ 80.2830, -43.4241,
46.6434

■ 79.0506, -48.6253,
47.8593

■ 81.0116, -40.2510,
44.8495

■ 81.8407, -36.5862,
42.1148

■ 82.7749, -32.4164,
38.3794

■ 83.8171, -27.7390,
33.6066

■ 84.9694, -22.5592,
27.7785

■ 86.2326, -16.8890,
20.8931

■ 87.6069, -10.7459,
12.9623

■ 89.0916, -4.1514,
4.0088

Harmonies

Analogous

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



79.6486, -7.8848, 50.8265



79.6468, -46.1298, 47.5858



79.6486, -68.2089, 34.2025

Triad

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



79.6486, -46.1316, 47.5862



79.6486, -41.0879, -111.2771



79.6486, 104.1584, 7.7425

Complementary

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



79.6468, -46.1298, 47.5858



30.3897, 64.9581, -126.2005

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.



79.6486, 89.7159, -45.0650



79.6468, -46.1298, 47.5858



79.6486, -0.5572, -132.9132

Square

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



79.6486, -46.1316, 47.5862



79.6486, -65.7925, -54.8203



79.6486, 48.5905, -103.7487



79.6486, 84.5461, 37.4096

Rectangle

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



79.6468, -46.1298, 47.5858



79.6486, -74.0738, 14.6526



79.6486, 48.5905, -103.7487



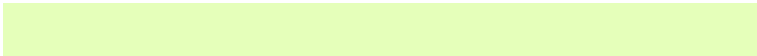
79.6486, 103.1232, -7.5780

Sweetspot

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



79.6486, -46.1316, 47.5862



95.7872, -24.1463, 29.7950



51.0320, 41.4583, 31.1019



44.0994, -12.1427, 14.9247

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.6486, -46.1316, 47.5862



88.8325, -54.7874, 53.7790



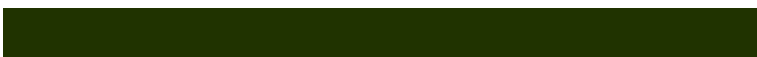
75.7667, -62.1312, 44.8790



40.6603, -5.0877, 6.1486



59.5387, -36.3415, 36.0513



16.3469, -9.2294, 9.9113

Inverse Universe

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



30.3897, 64.9581, -126.2005



31.1377, 76.5108, -159.6186



43.6578, 83.7551, -73.3055



37.6159, 1.0426, -2.2496



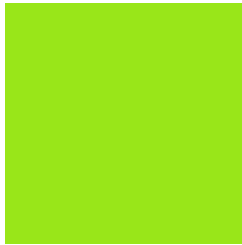
21.0468, 51.4109, -105.5265



6.1568, 14.4258, -26.1145

Previews

White Background



This preview shows how the HunterLab color 79.6468, -46.1298, 47.5858 looks on a white background.

Color Contrast Check

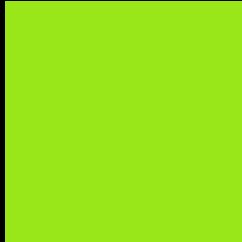
Large Text (above 18pt) WCAG AA × Fail

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 79.6468, -46.1298, 47.5858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

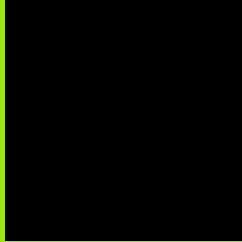
Any Text WCAG AA ✓ Pass

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 79.6468, -46.1298, 47.5858 Background



This preview shows how black text looks on a background with the HunterLab color 79.6468, -46.1298, 47.5858.



This preview shows how white text looks on a background with the HunterLab color 79.6468,

-46.1298, 47.5858.

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

79.6468, -46.1298, 47.5858

Protanopia

79.1464, -10.8982, 48.2116

Deuteranopia

78.9959, 4.8412, 41.3331



Tritanopia

79.4310, -12.3166, -7.7021

Trichromacy



Original Color

79.6468, -46.1298, 47.5858

Protanomaly

78.8276, -25.0656, 47.6710

Deuteranomaly

78.3606, -16.4619, 43.9794

Tritanomaly

78.6839, -29.3898, 24.2700

Monochromacy



Original Color

79.6468, -46.1298, 47.5858

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

72.2246, -22.8732, 27.9003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.6468, -46.1298, 47.5858 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(153, 230, 25)` looks like.

```
.text, #text, p{  
    color:rgb(153, 230, 25)  
}
```

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(153, 230, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 230, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 79.6468, -46.1298, 47.5858 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(153, 230, 25) }
```


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

```
.border{ border-color:rgb(153, 230, 25) }
```

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

Here you see how a box with a 4 pixel rgb(153, 230, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 230, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 230, 25);  
box-shadow:4px 4px 4px 4px rgb(153, 230,  
25) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.6468, -46.1298, 47.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 230, 25) }
```

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

```
.background{ background-color: rgb(153,  
230, 25) }
```

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