

Converting Colors

HunterLab(78.4907, -60.6917,
42.3707)

Have a look what the booklet for
HunterLab(78.4907, -60.6917,
42.3707) contains.

HunterLab(78.6288, -60.8009, 42.5011)	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(78.6288,
-60.8009, 42.5011)**

Conversions

Conversions Part 1

Format	Color
Hex	47EC4A
RGB	71, 236, 74
RGB Percent	28%, 93%, 29%
CMY	0.7216, 0.0745, 0.7098
CMYK	0.70, 0.00, 0.69, 0.07
HSL	121°, 81%, 60%
HSV	121°, 70%, 93%
XYZ	33.8300, 61.8249, 16.6290
YIQ	168.1970, -46.3380, -85.3620

Conversions

Conversions Part 2

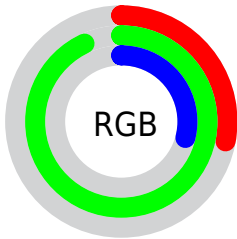
Format	Color
RYB	71, 233, 236
Decimal	4713546
CIELab	82.82, -71.61, 63.47
CIELCh	83, 95.689, 138.445
Yxy	61.8275, 0.3013, 0.5506
Android (android.graphics.Color)	4282903626 (0xFF47EC4A)
YUV	168.1970, -46.4391, -85.2418
Hunter-Lab	78.6288, -60.8009, 42.5011

Details

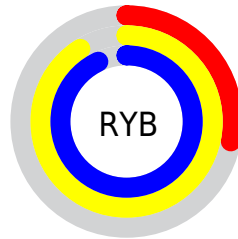
The HunterLab color **78.6288, -60.8009, 42.5011** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **53.1255, 80.2519, -51.8945**, and the grayscale version is **62.8577, -3.3539, 3.4152**.

A 20% lighter version of the original color is **88.7171, -53.4379, 39.6175**, and **56.7805, -48.6892, 34.1355** is the 20% darker color. If you saturate the color by 10%, you get **78.0031, -63.7778, 44.5825**, and if you desaturate by 10%, it is **79.5433, -56.5283, 39.5627**.

Distribution



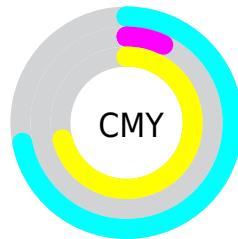
- Red (28%)
- Green (93%)
- Blue (29%)



- Red (28%)
- Yellow (91%)
- Blue (93%)



- Cyan (70%)
- Magenta (0%)
- Yellow (69%)
- Black (7%)



- Cyan (72%)
- Magenta (7%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.6288, -60.8009, 42.5011 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 78.6288, -60.8009, 42.5011 by changing the saturation by 10% instead.

■ 78.6288, -60.8009,
42.5011

■ 78.6288, -60.8009,
42.5011

207.6780,
-96.1488, 75.4282

■ 67.0025, -56.1764,
38.2190

■ 103.6707,
-69.4767, 50.5676

■ 56.0120, -51.3035,
33.7352

■ 117.0297,
-73.5854, 54.3956

■ 45.6983, -46.1238,
29.0213

■ 130.9177,
-77.5712, 58.1108

■ 36.1092, -40.5553,
24.0876

■ 145.3155,
-81.4508, 61.7275

■ 27.3043, -34.4810,
19.1130

■ 160.2054,
-85.2378, 65.2580

■ 19.3608, -27.8580,
13.5525

175.5719,

■ 12.3848, -21.6734,

-88.9438, 68.7127

8.6694

191.4004,
-92.5781, 72.1002

■ 5.5890, -9.7807,
3.9123

0.0000, NaN, NaN

■ 78.6288, -60.8009,
42.5011

■ 78.6288, -60.8009,
42.5011

■ 78.0031, -63.7778,
44.5825

■ 79.5433, -56.5283,
39.5627

■ 77.6320, -65.5565,
45.8658


■ 80.7611, -50.9194,
35.7468


■ 77.4626, -66.3745,
46.4713


■ 82.2955, -43.9927,
31.0694


■ 77.4615, -66.3798,
46.4748

■ 84.1513, -35.8101,
25.5748

 86.3273, -26.4676,
19.3290

 88.8176, -16.0836,
12.4119

 91.6127, -4.7882,
4.9107

 94.0603, 4.8356,
-1.5909

Harmonies

Analogous

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



78.6304, -30.6719, 49.8635



78.6288, -60.8009, 42.5011



78.6304, -74.3191, 19.5561

Triad

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



78.6304, -60.8020, 42.5015



78.6304, -21.4100, -134.0728



78.6304, 100.5535, 26.8165

Complementary

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



78.6288, -60.8009, 42.5011



53.1255, 80.2519, -51.8945

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.



78.6304, 104.6930, -14.8502



78.6288, -60.8009, 42.5011



78.6304, 26.3162, -127.7508

Square

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



78.6304, -60.8020, 42.5015



78.6304, -55.3919, -90.3857



78.6304, 75.0227, -76.2108



78.6304, 64.7663, 45.1510

Rectangle

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



78.6288, -60.8009, 42.5011



78.6304, -74.8330, -9.3451



78.6304, 75.0227, -76.2108



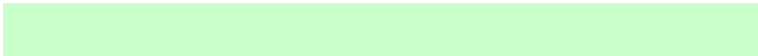
78.6304, 105.9563, 15.8332

Sweetspot

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



78.6304, -60.8020, 42.5015



93.9598, -30.1560, 21.9435



88.2127, -23.2050, 49.9433



43.1544, -15.2980, 11.0514

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.6304, -60.8020, 42.5015



84.9556, -70.6492, 49.4007



79.8385, -53.3780, 24.8210



41.0690, -7.1994, 5.5801



57.5111, -49.2709, 34.4779



16.1207, -13.7762, 9.5893

Inverse Universe

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



53.1255, 80.2519, -51.8945



54.5924, 98.8596, -63.8383



49.5645, 66.0052, -3.2000



39.1264, 3.1647, -1.3781



36.1029, 70.7029, -45.4725



10.1243, 19.8385, -12.8396

Previews

White Background



This preview shows how the HunterLab color 78.6288, -60.8009, 42.5011 looks on a white background.

Color Contrast Check

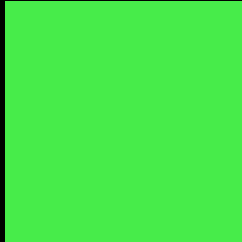
Large Text (above 18pt) WCAG AA × Fail

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 78.6288, -60.8009, 42.5011 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 78.6288, -60.8009, 42.5011 Background



This preview shows how black text looks on a background with the HunterLab color 78.6288, -60.8009, 42.5011.



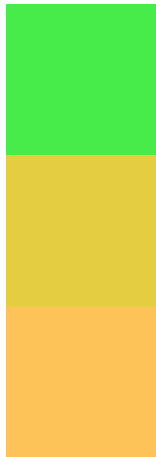
This preview shows how white text looks on a background with the HunterLab color 78.6288, -60.8009, 42.5011.

-60.8009, 42.5011.

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

78.6288, -60.8009, 42.5011

Protanopia

77.9192, -10.0699, 43.9152

Deuteranopia

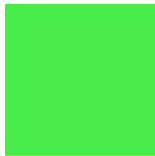
77.5698, 5.9146, 40.8449



Tritanopia

78.4850, -27.0635, -13.2177

Trichromacy



Original Color

78.6288, -60.8009, 42.5011



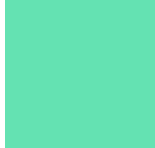
Protanomaly

76.3623, -33.9537, 42.0882



Deuteranomaly

75.3593, -25.6322, 39.5487



Tritanomaly

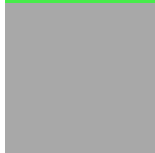
77.6636, -42.8553, 14.9508

Monochromacy



Original Color

78.6288, -60.8009, 42.5011



Achromatopsia

62.5758, -3.3389, 3.3999



Achromatomaly

66.9684, -29.1130, 20.7877

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.6288, -60.8009, 42.5011 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(71, 236, 74)` looks like.

```
.text, #text, p{  
    color:rgb(71, 236, 74)  
}
```

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(71, 236, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 236, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 78.6288, -60.8009, 42.5011 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(71, 236, 74) }
```


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

```
.border{ border-color:rgb(71, 236, 74) }
```

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

Here you see how a box with a 4 pixel rgb(71, 236, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 236, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 236, 74);  
box-shadow:4px 4px 4px 4px rgb(71, 236,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.6288, -60.8009, 42.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 236, 74) }
```

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

```
.background{ background-color: rgb(71, 236,  
74) }
```

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