

Converting Colors

HunterLab(71.1424, -47.5356,
42.2152)

Have a look what the booklet for
HunterLab(71.1424, -47.5356,
42.2152) contains.

HunterLab(71.2786, -47.6060, 42.2752)	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(71.2786,
-47.6060, 42.2752)**

Conversions

Conversions Part 1	
Format	Color
Hex	73D41A
RGB	115, 212, 26
RGB Percent	45%, 83%, 10%
CMY	0.5490, 0.1686, 0.8980
CMYK	0.46, 0.00, 0.88, 0.17
HSL	91°, 78%, 47%
HSV	91°, 88%, 83%
XYZ	30.8002, 50.8064, 9.1606
YIQ	161.7930, 1.8940, -78.4100

Conversions

Conversions Part 2

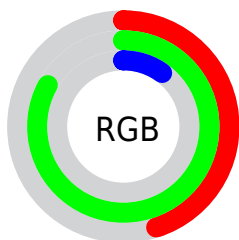
Format	Color
RYB	26, 212, 123
Decimal	7590938
CIELab	76.56, -55.54, 71.95
CIELCh	77, 90.895, 127.665
Yxy	50.8086, 0.3393, 0.5597
Android (android.graphics.Color)	4285781018 (0xFF73D41A)
YUV	161.7930, -66.9459, -41.0375
Hunter-Lab	71.2786, -47.6060, 42.2752

Details

The HunterLab color **71.2786, -47.6060, 42.2752** 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 **31.1534, 62.5101, -98.2577**, and the grayscale version is **60.2907, -3.2170, 3.2757**.

A 20% lighter version of the original color is **90.2354, -48.2923, 47.9527**, and **49.4780, -38.7716, 29.8094** is the 20% darker color. If you saturate the color by 10%, you get **70.7385, -49.9250, 42.5989**, and if you desaturate by 10%, it is **71.9278, -44.7866, 41.3020**.

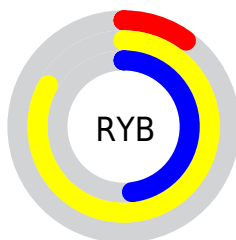
Distribution



Red (45%)

Green (83%)

Blue (10%)



Red (10%)

Yellow (83%)

Blue (48%)

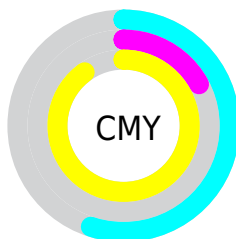


Cyan (46%)

Magenta (0%)

Yellow (88%)

Black (17%)



Cyan (55%)


Magenta (17%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.2786, -47.6060, 42.2752 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 71.2786, -47.6060, 42.2752 by changing the saturation by 10% instead.


 71.2786, -47.6060,
42.2752


 71.2786, -47.6060,
42.2752


197.4385,
-76.5853, 79.6967


 60.0469, -43.8488,
37.3441


 95.5886, -54.6675,
51.5363


 49.4749, -39.8886,
32.1825


 108.6054,
-58.0205, 55.9120

 39.6085, -35.6722,
26.8542


 122.1648,
-61.2803, 60.1451

 30.5023, -31.1203,
21.3516

 136.2457,
-64.4608, 64.2528

 22.2259, -26.1128,
15.5582

 150.8296,
-67.5730, 68.2500

 14.8730, -21.3837,
10.4111

 165.8996,

 8.5238, -14.9167,

-70.6263, 72.1493

5.9667

181.4405,
-73.6282, 75.9618

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.2786, -47.6060,
42.2752

■ 71.2786, -47.6060,
42.2752

■ 70.7385, -49.9250,
42.5989

■ 71.9278, -44.7866,
41.3020

■ 70.6264, -50.4033,
42.6373


■ 72.6908, -41.4203,
39.5518


■ 73.5749, -37.4926,
36.9545


■ 74.5835, -33.0018,
33.4676


■ 75.7188, -27.9574,

29.0705

 76.9814, -22.3775,
23.7608

 78.3710, -16.2873,
17.5508

 79.8862, -9.7167,
10.4650

 81.5249, -2.6992,
2.5371

Harmonies

Analogous

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



71.2801, -14.5004, 46.0942



71.2786, -47.6060, 42.2752



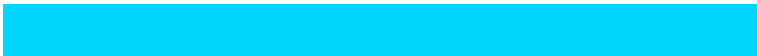
71.2801, -65.2801, 27.7583

Triad

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



71.2801, -47.6074, 42.2755



71.2801, -32.5754, -113.8883



71.2801, 97.9932, 13.5911

Complementary

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



71.2786, -47.6060, 42.2752



31.1534, 62.5101, -98.2577

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.



71.2801, 89.8868, -32.9319



71.2786, -47.6060, 42.2752



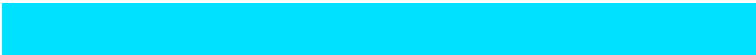
71.2801, 7.5562, -126.3016

Square

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



71.2801, -47.6074, 42.2755



71.2801, -58.1443, -62.8236



71.2801, 54.0545, -90.6360



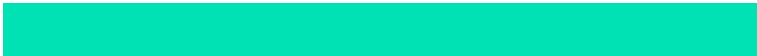
71.2801, 74.1281, 37.1431

Rectangle

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



71.2786, -47.6060, 42.2752



71.2801, -69.0188, 7.0090



71.2801, 54.0545, -90.6360



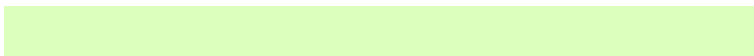
71.2801, 99.0014, 0.6024

Sweetspot

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



71.2801, -47.6074, 42.2755



95.1118, -26.5243, 28.2377



52.9321, 23.0776, 31.9250



43.7391, -13.4339, 14.2090

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.2801, -47.6074, 42.2755



86.9815, -62.3607, 52.5059



68.8463, -57.7524, 40.4044



37.6623, -5.1390, 5.5475



55.5441, -39.3823, 33.5366



13.8200, -8.9383, 8.3593

Inverse Universe

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



31.1534, 62.5101, -98.2577



34.9375, 80.4963, -137.6148



43.9725, 81.4407, -52.7293



35.1057, 1.3828, -1.8829



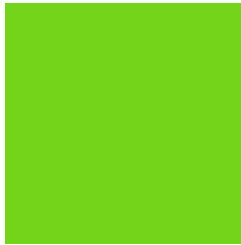
22.5028, 51.5771, -86.5469



5.9547, 13.1699, -19.1934

Previews

White Background



This preview shows how the HunterLab color 71.2786, -47.6060, 42.2752 looks on a white background.

Color Contrast Check

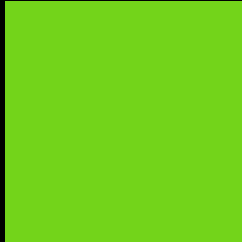
Large Text (above 18pt) WCAG AA × Fail

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 71.2786, -47.6060, 42.2752 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 71.2786, -47.6060, 42.2752 Background



This preview shows how black text looks on a background with the HunterLab color 71.2786, -47.6060, 42.2752.



This preview shows how white text looks on a background with the HunterLab color 71.2786,

-47.6060, 42.2752.

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

71.2786, -47.6060, 42.2752

Protanopia

70.7135, -9.5612, 42.9613

Deuteranopia

70.6367, 5.4325, 41.1821



Tritanopia

70.9925, -16.2178, -9.1126

Trichromacy



Original Color

71.2786, -47.6060, 42.2752



Protanomaly

70.2354, -25.7675, 42.2689



Deuteranomaly

69.4215, -17.2186, 40.6841



Tritanomaly

70.1362, -31.7604, 20.0162

Monochromacy



Original Color

71.2786, -47.6060, 42.2752



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

63.1304, -22.8859, 23.8276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.2786, -47.6060, 42.2752 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(115, 212, 26)` looks like.

```
.text, #text, p{  
    color:rgb(115, 212, 26)  
}
```

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(115, 212, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 212, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 71.2786, -47.6060, 42.2752 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(115, 212, 26) }
```


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

```
.border{ border-color:rgb(115, 212, 26) }
```

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

Here you see how a box with a 4 pixel rgb(115, 212, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 212, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 212, 26);  
box-shadow:4px 4px 4px 4px rgb(115, 212,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.2786, -47.6060, 42.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 212, 26) }
```

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

```
.background{ background-color: rgb(115,  
212, 26) }
```

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