

Converting Colors

HunterLab(71.0233, -48.4340,
40.3972)

Have a look what the booklet for
HunterLab(71.0233, -48.4340,
40.3972) contains.

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Color

**HunterLab(71.0233,
-48.4340, 40.3972)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD432
RGB	107, 212, 50
RGB Percent	42%, 83%, 20%
CMY	0.5804, 0.1686, 0.8039
CMYK	0.50, 0.00, 0.76, 0.17
HSL	99°, 65%, 51%
HSV	99°, 76%, 83%
XYZ	30.1826, 50.4431, 11.1633
YIQ	162.1370, -10.5780, -72.6420

Conversions

Conversions Part 2

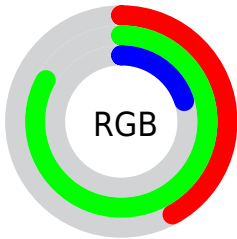
Format	Color
RYB	50, 212, 155
Decimal	7066674
CIELab	76.34, -56.90, 65.60
CIELCh	76, 86.838, 130.937
Yxy	50.4452, 0.3288, 0.5496
Android (android.graphics.Color)	4285256754 (0xFF6BD432)
YUV	162.1370, -55.2835, -48.3551
Hunter-Lab	71.0233, -48.4340, 40.3972

Details

The HunterLab color **71.0233, -48.4340, 40.3972** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **37.4235, 61.1208, -74.5561**, and the grayscale version is **60.3889, -3.2222, 3.2810**.

A 20% lighter version of the original color is **89.8989, -49.3023, 45.1754**, and **49.2220, -39.8524, 29.6327** is the 20% darker color. If you saturate the color by 10%, you get **70.3687, -51.3474, 41.4931**, and if you desaturate by 10%, it is **71.8283, -44.8406, 38.5257**.

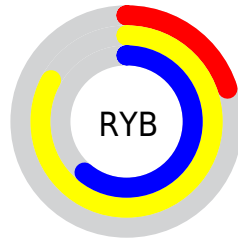
Distribution



Red (42%)

Green (83%)

Blue (20%)



Red (20%)

Yellow (83%)

Blue (61%)

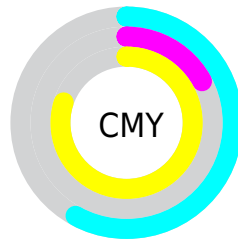


Cyan (50%)

Magenta (0%)

Yellow (76%)

Black (17%)



Cyan (58%)

Magenta (17%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.0233, -48.4340, 40.3972 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 71.0233, -48.4340, 40.3972 by changing the saturation by 10% instead.

71.0233, -48.4340,
40.3972

71.0233, -48.4340,
40.3972

197.0798,
-78.0137, 74.9083

59.8058, -44.5881,
35.8543

95.3070, -55.6546,
48.9198

49.2489, -40.5316,
31.0872

108.3116,
-59.0800, 52.9474

39.3987, -36.2090,
26.0739

121.8592,
-62.4084, 56.8464

30.3100, -31.5382,
21.2170

135.9288,
-65.6542, 60.6333

22.0529, -26.3953,
15.4370

150.5017,
-68.8288, 64.3219

14.7217, -21.7552,
10.3052

165.5611,

8.3790, -14.6632,

-71.9419, 67.9241

5.8653

181.0918,
-75.0013, 71.4500

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.0233, -48.4340,
40.3972

■ 71.0233, -48.4340,
40.3972

■ 70.3687, -51.3474,
41.4931

■ 71.8283, -44.8406,
38.5257

■ 69.8500, -53.6134,
41.9173

■ 72.7854, -40.5517,
35.8159


■ 69.6910, -54.3050,
41.9926


■ 73.9000, -35.5747,
32.2353


■ 75.1738, -29.9306,
27.7750


■ 76.6067, -23.6513,

22.4448

 78.1974, -16.7774,
16.2704

 79.9430, -9.3549,
9.2890

 81.8398, -1.4333,
1.5464

 83.8831, 6.9371,
-6.9061

Harmonies

Analogous

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



71.0248, -18.1463, 45.1228



71.0233, -48.4340, 40.3972



71.0248, -64.0224, 24.2642

Triad

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



71.0248, -48.4353, 40.3975



71.0248, -27.7609, -109.8832



71.0248, 91.4149, 16.6784

Complementary

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



71.0233, -48.4340, 40.3972



37.4235, 61.1208, -74.5561

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.



71.0248, 87.1783, -25.2624



71.0233, -48.4340, 40.3972



71.0248, 11.7981, -116.2871

Square

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



71.0248, -48.4353, 40.3975



71.0248, -54.0934, -64.9543



71.0248, 55.6230, -79.3710



71.0248, 66.1456, 37.5495

Rectangle

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



71.0233, -48.4340, 40.3972



71.0248, -66.7004, 2.6283



71.0248, 55.6230, -79.3710



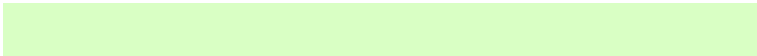
71.0248, 93.5181, 5.0820

Sweetspot

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



71.0248, -48.4353, 40.3975



95.0109, -26.5400, 25.3603



60.7301, 8.5146, 34.6239



43.6372, -13.6656, 12.9549

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.0248, -48.4353, 40.3975



86.2854, -65.1974, 51.5596



69.4479, -54.6627, 36.6597



37.5584, -5.5095, 5.4285



54.8025, -42.4724, 33.0255



13.6272, -9.7299, 8.2266

Inverse Universe

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



37.4235, 61.1208, -74.5561



40.6913, 84.1781, -111.3023



44.7380, 71.8565, -36.0432



35.2193, 1.7667, -1.7303



25.0946, 54.6689, -74.4314



6.5213, 13.8820, -16.8252

Previews

White Background



This preview shows how the HunterLab color 71.0233, -48.4340, 40.3972 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 71.0233, -48.4340, 40.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

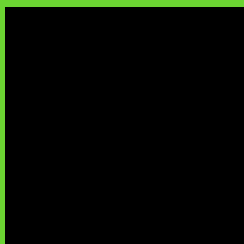
Any Text WCAG AA ✓ Pass

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 71.0233, -48.4340, 40.3972 Background



This preview shows how black text looks on a background with the HunterLab color 71.0233, -48.4340, 40.3972.



This preview shows how white text looks on a background with the HunterLab color 71.0233,

-48.4340, 40.3972.

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

71.0233, -48.4340, 40.3972

Protanopia

70.3023, -9.2719, 41.1480

Deuteranopia

70.5088, 5.2307, 39.3334



Tritanopia

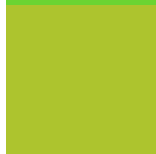
70.8947, -18.2271, -9.2805

Trichromacy



Original Color

71.0233, -48.4340, 40.3972



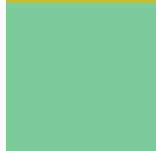
Protanomaly

69.6860, -25.9800, 40.2862



Deuteranomaly

69.1697, -17.9050, 38.6443



Tritanomaly

70.2354, -32.6881, 16.8989

Monochromacy



Original Color

71.0233, -48.4340, 40.3972



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

63.0665, -22.8299, 21.4556

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.0233, -48.4340, 40.3972 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(107, 212, 50)` looks like.

```
.text, #text, p{  
    color:rgb(107, 212, 50)  
}
```

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(107, 212, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 212, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 71.0233, -48.4340, 40.3972 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(107, 212, 50) }
```


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

```
.border{ border-color:rgb(107, 212, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 212, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 212, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 212, 50);  
box-shadow:4px 4px 4px 4px rgb(107, 212,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.0233, -48.4340, 40.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 212, 50) }
```

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

```
.background{ background-color: rgb(107,  
212, 50) }
```

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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