

Converting Colors

HunterLab(71.8848, -43.2815,
33.1694)

Have a look what the booklet for
HunterLab(71.8848, -43.2815,
33.1694) contains.

HunterLab(71.9918, -43.4748, 33.2474)	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(71.9918,
-43.4748, 33.2474)**

Conversions

Conversions Part 1

Format	Color
Hex	75D466
RGB	117, 212, 102
RGB Percent	46%, 83%, 40%
CMY	0.5412, 0.1686, 0.6000
CMYK	0.45, 0.00, 0.52, 0.17
HSL	112°, 56%, 62%
HSV	112°, 52%, 83%
XYZ	33.2779, 51.8282, 20.8203
YIQ	171.0550, -21.3100, -54.3500

Conversions

Conversions Part 2

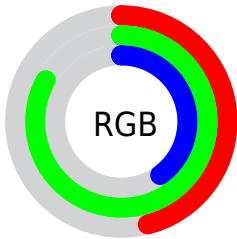
Format	Color
RYB	102, 212, 197
Decimal	7722086
CIELab	77.18, -49.23, 45.43
CIELCh	77, 66.984, 137.297
Yxy	51.8304, 0.3142, 0.4893
Android (android.graphics.Color)	4285912166 (0xFF75D466)
YUV	171.0550, -34.0441, -47.4062
Hunter-Lab	71.9918, -43.4748, 33.2474

Details

The HunterLab color **71.9918, -43.4748, 33.2474** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **51.1157, 49.0554, -39.8953**, and the grayscale version is **63.9822, -3.4139, 3.4763**.

A 20% lighter version of the original color is **91.0413, -43.3854, 35.1444**, and **50.2733, -36.7207, 26.7765** is the 20% darker color. If you saturate the color by 10%, you get **70.9334, -48.3023, 36.3888**, and if you desaturate by 10%, it is **73.2809, -37.6916, 29.2802**.

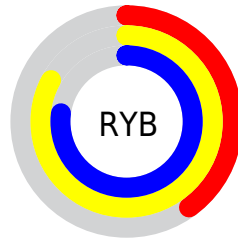
Distribution



Red (46%)

Green (83%)

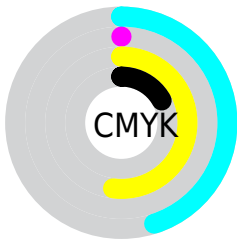
Blue (40%)



Red (40%)

Yellow (83%)

Blue (77%)

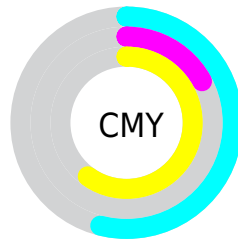


Cyan (45%)

Magenta (0%)

Yellow (52%)

Black (17%)



Cyan (54%)


Magenta (17%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.9918, -43.4748, 33.2474 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 71.9918, -43.4748, 33.2474 by changing the saturation by 10% instead.


 71.9918, -43.4748,
33.2474


 71.9918, -43.4748,
33.2474


198.4393,
-69.7233, 58.5120


 60.7206, -40.1160,
30.0025


 96.3748, -49.8170,
39.3679


 50.1067, -36.5880,
26.5973


 109.4258,
-52.8414, 42.2830

 40.1953, -32.8456,
22.9961


 123.0179,
-55.7894, 45.1218

 31.0404, -28.8214,
19.1548

 137.1303,
-58.6725, 47.8959

 22.7105, -24.4120,
15.6360

151.7446,
-61.5004, 50.6147

 15.2973, -19.6991,
10.7081

166.8440,

 8.9151, -15.6015,

-64.2807, 53.2861

6.2406

182.4135,
-67.0198, 55.9167

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.9918, -43.4748,
33.2474

■ 71.9918, -43.4748,
33.2474

■ 70.9334, -48.3023,
36.3888

■ 73.2809, -37.6916,
29.2802

■ 70.0951, -52.1522,
38.7097

■ 74.7983, -30.9926,
24.5044

■ 69.4680, -55.0389,
40.2481

■ 76.5444, -23.4422,
18.9590

■ 69.0365, -57.0125,
41.0793


■ 78.5154, -15.1169,
12.6971


■ 68.8105, -58.0346,


■ 80.7051, -6.1007,

41.3847

5.7811

 83.1059, 3.5202,
-1.7218

 85.7087, 13.6616,
-9.7433

 86.9305, 17.9612,
-10.6456

Harmonies

Analogous

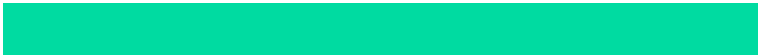
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9933, -21.1291, 40.2604



71.9918, -43.4748, 33.2474



71.9933, -54.2886, 15.5665

Triad

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



71.9933, -43.4761, 33.2479



71.9933, -16.7973, -78.9876



71.9933, 64.2884, 19.1492

Complementary

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



71.9918, -43.4748, 33.2474



51.1157, 49.0554, -39.8953

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.



71.9933, 65.9971, -10.0732



71.9918, -43.4748, 33.2474



71.9933, 15.2406, -76.6158

Square

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



71.9933, -43.4761, 33.2479



71.9933, -40.7808, -53.2302



71.9933, 46.7942, -47.7084



71.9933, 42.4664, 34.8874

Rectangle

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



71.9918, -43.4748, 33.2474



71.9933, -54.9882, -3.8626



71.9933, 46.7942, -47.7084



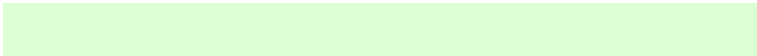
71.9933, 67.3535, 10.9182

Sweetspot

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



71.9933, -43.4761, 33.2479



95.6890, -23.1348, 19.0565



73.6298, -9.6275, 35.0790



44.0372, -11.6883, 9.5568

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.9933, -43.4761, 33.2479



87.3297, -59.9358, 45.1014



71.9877, -42.1804, 23.0248



37.3849, -6.1305, 5.2290



54.0877, -45.4981, 32.5321



13.3845, -10.7449, 8.0594

Inverse Universe

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



51.1157, 49.0554, -39.8953



57.5756, 73.0596, -60.6681



51.5147, 46.7038, -13.2363



35.4159, 2.4286, -1.4672



30.3136, 61.5933, -55.4527



7.6059, 15.3524, -13.1242

Previews

White Background



This preview shows how the HunterLab color 71.9918, -43.4748, 33.2474 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 71.9918, -43.4748, 33.2474 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 71.9918, -43.4748, 33.2474 Background



This preview shows how black text looks on a background with the HunterLab color 71.9918, -43.4748, 33.2474.



This preview shows how white text looks on a background with the HunterLab color 71.9918,

-43.4748, 33.2474.

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

71.9918, -43.4748, 33.2474

Protanopia

71.5601, -8.5579, 34.9751

Deuteranopia

71.4119, 4.9364, 31.8423



Tritanopia

71.9412, -17.4779, -9.5173

Trichromacy



Original Color

71.9918, -43.4748, 33.2474



Protanomaly

71.0634, -23.1258, 33.7432



Deuteranomaly

70.4128, -15.5088, 31.4039



Tritanomaly

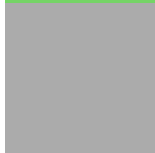
71.4886, -28.4979, 9.9152

Monochromacy



Original Color

71.9918, -43.4748, 33.2474



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

66.1607, -19.9770, 16.0482

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.9918, -43.4748, 33.2474 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(117, 212, 102)` looks like.

```
.text, #text, p{  
    color:rgb(117, 212, 102)  
}
```

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(117, 212, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 212, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 71.9918, -43.4748, 33.2474 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(117, 212, 102) }
```


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

```
.border{ border-color:rgb(117, 212, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 212, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 212, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 212, 102); box-shadow:4px 4px 4px 4px rgb(117, 212, 102) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.9918, -43.4748, 33.2474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 212, 102) }
```

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

```
.background{ background-color: rgb(117,  
212, 102) }
```

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