

Converting Colors

HunterLab(70.9422, -42.6786,
33.5349)

Have a look what the booklet for
HunterLab(70.9422, -42.6786,
33.5349) contains.

HunterLab(70.8843, -42.7247, 33.4712)	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(70.8843,
-42.7247, 33.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	75D161
RGB	117, 209, 97
RGB Percent	46%, 82%, 38%
CMY	0.5412, 0.1804, 0.6196
CMYK	0.44, 0.00, 0.54, 0.18
HSL	109°, 55%, 60%
HSV	109°, 54%, 82%
XYZ	32.2942, 50.2458, 19.3056
YIQ	168.7240, -18.8800, -54.3360

Conversions

Conversions Part 2

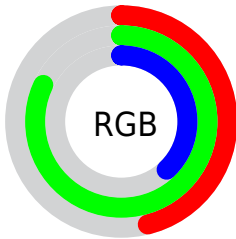
Format	Color
RYB	97, 209, 189
Decimal	7721313
CIELab	76.22, -48.60, 46.64
CIELCh	76, 67.362, 136.179
Yxy	50.2480, 0.3171, 0.4934
Android (android.graphics.Color)	4285911393 (0xFF75D161)
YUV	168.7240, -35.3599, -45.3619
Hunter-Lab	70.8843, -42.7247, 33.4712

Details

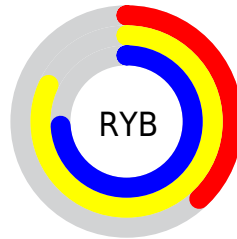
The HunterLab color **70.8843, -42.7247, 33.4712** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **48.9625, 48.3736, -42.0309**, and the grayscale version is **63.0227, -3.3627, 3.4241**.

A 20% lighter version of the original color is **90.9509, -43.9192, 36.4649**, and **49.2245, -35.9813, 26.7117** is the 20% darker color. If you saturate the color by 10%, you get **69.8755, -47.3154, 36.4111**, and if you desaturate by 10%, it is **72.1047, -37.2505, 29.7097**.

Distribution



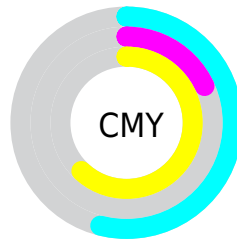
- Red (46%)
- Green (82%)
- Blue (38%)



- Red (38%)
- Yellow (82%)
- Blue (74%)



- Cyan (44%)
- Magenta (0%)
- Yellow (54%)
- Black (18%)



- Cyan (54%)
- Magenta (18%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8843, -42.7247, 33.4712 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 70.8843, -42.7247, 33.4712 by changing the saturation by 10% instead.

■ 70.8843, -42.7247,
33.4712

■ 70.8843, -42.7247,
33.4712

196.8845,
-68.7674, 59.3371

■ 59.6745, -39.3895,
30.1346

■ 95.1537, -49.0192,
39.7550

■ 49.1259, -35.8844,
26.6296

■ 108.1516,
-52.0200, 42.7436

■ 39.2845, -32.1634,
22.9196

■ 121.6928,
-54.9446, 45.6515

■ 30.2053, -28.1572,
18.9606

■ 135.7562,
-57.8048, 48.4907

■ 21.9588, -23.7596,
15.3712

150.3231,
-60.6100, 51.2713

■ 14.6395, -19.2742,
10.2476

165.3768,

■ 8.2990, -14.5232,

-63.3681, 54.0014

5.8093

180.9018,
-66.0854, 56.6881

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8843, -42.7247,
33.4712

■ 70.8843, -42.7247,
33.4712

■ 69.8755, -47.3154,
36.4111

■ 72.1047, -37.2505,
29.7097

■ 69.0684, -51.0044,
38.5421

■ 73.5343, -30.9258,
25.1361

■ 68.4550, -53.8060,
39.9091

■ 75.1739, -23.8064,
19.7814

■ 68.0216, -55.7664,
40.5945


■ 77.0204, -15.9586,
13.6913


■ 67.8249, -56.6472,


■ 79.0686, -7.4563,


40.8017

6.9215

 81.3119, 1.6242,
-0.4663

 83.7426, 11.2072,
-8.4080

 85.9999, 19.3924,
-11.8921

 86.0714, 19.6211,
-11.7899

Harmonies

Analogous

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



70.8858, -20.0309, 40.0716



70.8843, -42.7247, 33.4712



70.8858, -53.9229, 16.3937

Triad

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



70.8858, -42.7260, 33.4717



70.8858, -17.8083, -79.0399



70.8858, 65.0084, 18.2271

Complementary

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



70.8843, -42.7247, 33.4712



48.9625, 48.3736, -42.0309

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.



70.8858, 65.8904, -11.4889



70.8843, -42.7247, 33.4712



70.8858, 14.0677, -77.8095

Square

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



70.8858, -42.7260, 33.4717



70.8858, -41.3472, -52.2401



70.8858, 45.9413, -49.3811



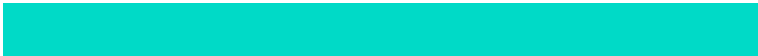
70.8858, 43.7097, 34.3024

Rectangle

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



70.8843, -42.7247, 33.4712



70.8858, -54.9058, -2.6919



70.8858, 45.9413, -49.3811



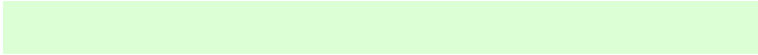
70.8858, 67.8158, 9.8379

Sweetspot

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



70.8858, -42.7260, 33.4717



95.8298, -22.6189, 19.2103



71.1244, -7.6736, 34.2641



44.1091, -11.4229, 9.6341

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.8858, -42.7260, 33.4717



87.3783, -59.8411, 45.9552



70.5856, -42.7823, 24.2672



36.4778, -5.8478, 5.1266



53.2850, -44.3570, 32.0574



12.7243, -9.9617, 7.6663

Inverse Universe

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



48.9625, 48.3736, -42.0309



55.6651, 73.1186, -65.1879



50.1436, 48.1095, -15.3289



34.4933, 2.2281, -1.4707



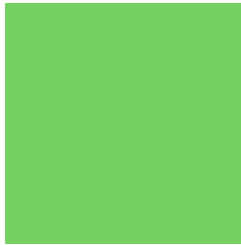
28.7455, 59.1014, -57.9650



7.0043, 14.2608, -13.0374

Previews

White Background



This preview shows how the HunterLab color 70.8843, -42.7247, 33.4712 looks on a white background.

Color Contrast Check

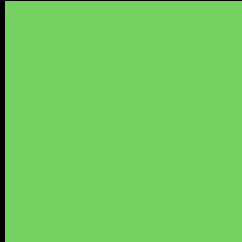
Large Text (above 18pt) WCAG AA × Fail

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 70.8843, -42.7247, 33.4712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

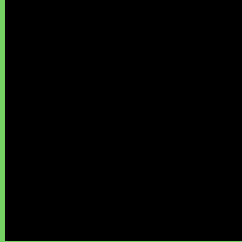
Any Text WCAG AA ✓ Pass

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 70.8843, -42.7247, 33.4712 Background



This preview shows how black text looks on a background with the HunterLab color 70.8843, -42.7247, 33.4712.



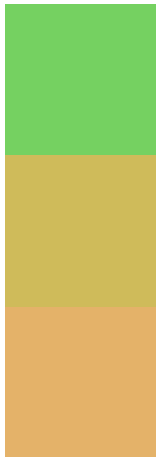
This preview shows how white text looks on a background with the HunterLab color 70.8843,

-42.7247, 33.4712.

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

70.8843, -42.7247, 33.4712

Protanopia

70.3877, -8.1781, 35.0816

Deuteranopia

70.2529, 5.2802, 32.1029



Tritanopia

70.8343, -16.8680, -8.7836

Trichromacy



Original Color

70.8843, -42.7247, 33.4712



Protanomaly

69.8707, -22.7766, 33.8676



Deuteranomaly

69.3151, -14.8560, 31.6993



Tritanomaly

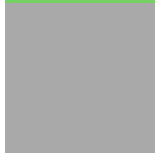
70.3568, -27.9784, 10.8155

Monochromacy



Original Color

70.8843, -42.7247, 33.4712



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

65.3821, -19.7493, 16.3771

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8843, -42.7247, 33.4712 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, 209, 97)` looks like.

```
.text, #text, p{  
    color:rgb(117, 209, 97)  
}
```

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, 209, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 209, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8843, -42.7247, 33.4712 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, 209, 97) }
```


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

```
.border{ border-color:rgb(117, 209, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 209, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 209, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 209, 97);  
box-shadow:4px 4px 4px 4px rgb(117, 209,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8843, -42.7247, 33.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 209, 97) }
```

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

```
.background{ background-color: rgb(117,  
209, 97) }
```

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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