

Converting Colors

HunterLab(64.9519, -42.1692,
26.9936)

Have a look what the booklet for
HunterLab(64.9519, -42.1692,
26.9936) contains.

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Color

**HunterLab(64.8294,
-42.1317, 26.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	56C369
RGB	86, 195, 105
RGB Percent	34%, 76%, 41%
CMY	0.6627, 0.2353, 0.5882
CMYK	0.56, 0.00, 0.46, 0.24
HSL	130°, 48%, 55%
HSV	130°, 56%, 76%
XYZ	25.9026, 42.0285, 20.1116
YIQ	152.1490, -36.0740, -51.0980

Conversions

Conversions Part 2

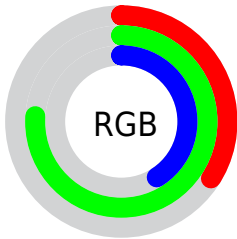
Format	Color
RYB	86, 179, 195
Decimal	5686121
CIELab	70.89, -50.36, 35.91
CIELCh	71, 61.852, 144.508
Yxy	42.0303, 0.2942, 0.4774
Android (android.graphics.Color)	4283876201 (0xFF56C369)
YUV	152.1490, -23.2445, -58.0127
Hunter-Lab	64.8294, -42.1317, 26.9874

Details

The HunterLab color $64.8294, -42.1317, 26.9874$ is a dark color, and the websafe version is hex $66CC66$. The color can be described as dark muted spring green. A complement of this color would be $46.2526, 49.0033, -23.2952$, and the grayscale version is $56.1978, -2.9986, 3.0533$.

A 20% lighter version of the original color is $88.3282, -48.5118, 31.8648$, and $43.7072, -34.8075, 21.4197$ is the 20% darker color. If you saturate the color by 10%, you get $63.9743, -46.1191, 29.8743$, and if you desaturate by 10%, it is $65.9155, -37.2037, 23.6647$.

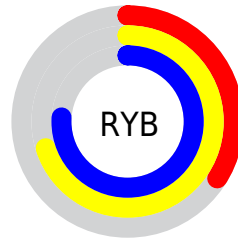
Distribution



Red (34%)

Green (76%)

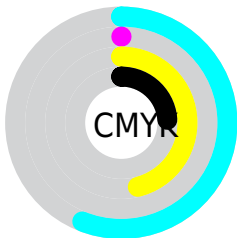
Blue (41%)



Red (34%)

Yellow (70%)

Blue (76%)

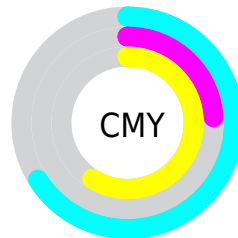


Cyan (56%)

Magenta (0%)

Yellow (46%)

Black (24%)



Cyan (66%)

Magenta (24%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8294, -42.1317, 26.9874 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 64.8294, -42.1317, 26.9874 by changing the saturation by 10% instead.

■ 64.8294, -42.1317,
26.9874

■ 64.8294, -42.1317,
26.9874

188.3105,
-69.2737, 48.3348

■ 53.9676, -38.5991,
24.2730

■ 88.4564, -48.7520,
32.1143

■ 43.7897, -34.8641,
21.4215

■ 101.1554,
-51.8913, 34.5635

■ 34.3469, -30.8676,
18.3950

■ 114.4098,
-54.9423, 36.9548

■ 25.7015, -26.5198,
15.1420

■ 128.1973,
-57.9188, 39.2983

■ 17.9352, -21.6788,
12.5294

142.4981,
-60.8319, 41.6020

■ 11.1620, -19.5335,
7.8134

157.2944,

■ 3.1420, -5.4986,

-63.6907, 43.8726

2.1994

172.5700,
-66.5025, 46.1153

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8294, -42.1317,
26.9874

■ 64.8294, -42.1317,
26.9874

■ 63.9743, -46.1191,
29.8743

■ 65.9155, -37.2037,
23.6647

■ 63.3360, -49.1619,
32.2985

■ 67.2339, -31.3650,
19.9417

■ 62.9000, -51.2970,
34.2489

■ 68.7869, -24.6735,
15.8639

■ 62.6424, -52.6076,
35.7281


■ 70.5723, -17.2044,
11.4815

■ 62.5678, -52.9931,


■ 72.5845, -9.0431,


36.1927

6.8459

 74.8161, -0.2797,
2.0074

 77.2579, 8.9970,
-2.9872

 79.8995, 18.7028,
-8.0963

 81.9685, 26.4073,
-14.3961

Harmonies

Analogous

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



64.8307, -24.5543, 35.1963



64.8294, -42.1317, 26.9874



64.8307, -49.2778, 8.2969

Triad

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



64.8307, -42.1326, 26.9879



64.8307, -8.5963, -72.1824



64.8307, 53.9453, 21.5598

Complementary

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



64.8294, -42.1317, 26.9874



46.2526, 49.0033, -23.2952

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.



64.8307, 60.1863, -1.6312



64.8294, -42.1317, 26.9874



64.8307, 20.7261, -63.5772

Square

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



64.8307, -42.1326, 26.9879



64.8307, -32.1646, -54.4550



64.8307, 47.1389, -34.3588



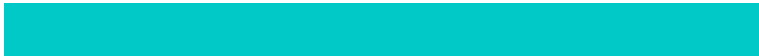
64.8307, 31.3064, 33.1373

Rectangle

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



64.8294, -42.1317, 26.9874



64.8307, -48.2336, -10.8466



64.8307, 47.1389, -34.3588



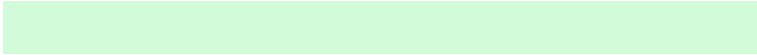
64.8307, 58.1774, 15.2182

Sweetspot

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



64.8307, -42.1326, 26.9879



94.0997, -24.4465, 16.1878



70.0226, -22.3826, 35.3009



43.7983, -12.4239, 8.1474

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8307, -42.1326, 26.9879



85.4075, -62.6967, 40.7271



65.9561, -35.3610, 10.6720



33.5959, -5.5843, 3.9636



50.4494, -42.6669, 29.0483



10.5296, -8.5998, 5.4034

Inverse Universe

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



46.2526, 49.0033, -23.2952



56.8676, 78.5799, -36.3432



44.3529, 40.5757, 3.2813



31.9631, 2.2529, -0.4410



30.3717, 57.5559, -23.3460



6.3771, 12.1890, -5.7083

Previews

White Background



This preview shows how the HunterLab color 64.8294, -42.1317, 26.9874 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 64.8294, -42.1317, 26.9874 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 64.8294, -42.1317, 26.9874 Background



This preview shows how black text looks on a background with the HunterLab color 64.8294, -42.1317, 26.9874.



This preview shows how white text looks on a background with the HunterLab color 64.8294, -42.1317, 26.9874.

-42.1317, 26.9874.

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

64.8294, -42.1317, 26.9874

Protanopia

64.1770, -6.9058, 28.9766

Deuteranopia

64.3005, 4.3780, 25.5636



Tritanopia

64.5906, -19.4051, -10.1379

Trichromacy



Original Color

64.8294, -42.1317, 26.9874



Protanomaly

63.4334, -22.1703, 27.4302



Deuteranomaly

63.1991, -16.2919, 25.0847



Tritanomaly

64.3815, -29.0990, 6.3800

Monochromacy



Original Color

64.8294, -42.1317, 26.9874



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

58.6035, -19.4706, 12.5802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8294, -42.1317, 26.9874 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(86, 195, 105)` looks like.

```
.text, #text, p{  
    color:rgb(86, 195, 105)  
}
```

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(86, 195, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 195, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8294, -42.1317, 26.9874 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(86, 195, 105) }
```


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

```
.border{ border-color:rgb(86, 195, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 195, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 195, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 195, 105);  
box-shadow:4px 4px 4px 4px rgb(86, 195,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8294, -42.1317, 26.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 195, 105) }
```

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

```
.background{ background-color: rgb(86, 195,  
105) }
```

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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