

Converting Colors

HunterLab(64.2691, -47.9584,
34.9887)

Have a look what the booklet for
HunterLab(64.2691, -47.9584,
34.9887) contains.

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Color

**HunterLab(64.1367,
-47.8717, 34.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	47C43B
RGB	71, 196, 59
RGB Percent	28%, 77%, 23%
CMY	0.7216, 0.2314, 0.7686
CMYK	0.64, 0.00, 0.70, 0.23
HSL	115°, 54%, 50%
HSV	115°, 70%, 77%
XYZ	23.1278, 41.1352, 10.8586
YIQ	143.0070, -30.5230, -69.1070

Conversions

Conversions Part 2

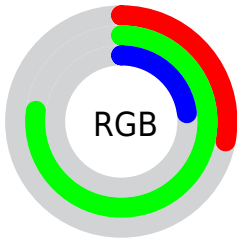
Format	Color
RYB	59, 196, 184
Decimal	4703291
CIELab	70.27, -59.70, 55.99
CIELCh	70, 81.852, 136.836
Yxy	41.1369, 0.3079, 0.5476
Android (android.graphics.Color)	4282893371 (0xFF47C43B)
YUV	143.0070, -41.4155, -63.1501
Hunter-Lab	64.1367, -47.8717, 34.8577

Details

The HunterLab color $64.1367, -47.8717, 34.8577$ is a dark color, and the websafe version is hex $33CC33$. The color can be described as dark muted green. A complement of this color would be $41.5997, 61.4944, -47.7260$, and the grayscale version is $52.5830, -2.8057, 2.8569$.

A 20% lighter version of the original color is $87.7852, -55.8284, 42.5639$, and $43.6460, -37.4265, 26.2393$ is the 20% darker color. If you saturate the color by 10%, you get $63.5537, -50.5858, 36.4523$, and if you desaturate by 10%, it is $64.9295, -44.2208, 32.5491$.

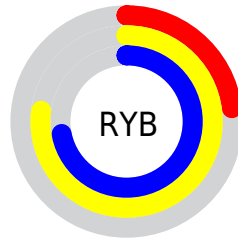
Distribution



Red (28%)

Green (77%)

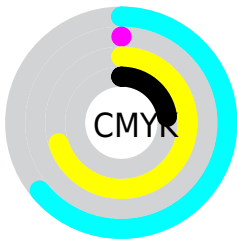
Blue (23%)



Red (23%)

Yellow (77%)

Blue (72%)

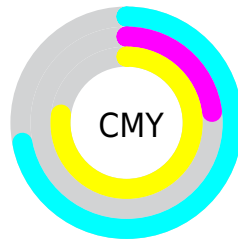


Cyan (64%)

Magenta (0%)

Yellow (70%)

Black (23%)



Cyan (72%)


Magenta (23%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.1367, -47.8717, 34.8577 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 64.1367, -47.8717, 34.8577 by changing the saturation by 10% instead.


 64.1367, -47.8717,
34.8577


 64.1367, -47.8717,
34.8577


187.3212,
-79.1898, 65.4785


 53.3161, -43.7203,
30.8053


 87.6879, -55.6014,
42.4273


 43.1823, -39.3107,
26.5309


 100.3516,
-59.2449, 45.9970


 33.7869, -34.5693,
22.0020


 113.5722,
-62.7730, 49.4514

 25.1934, -29.3861,
17.6354

 127.3273,
-66.2032, 52.8068

 17.4850, -23.7016,
12.2395

 141.5968,
-69.5495, 56.0768

 10.7782, -18.8618,
7.5447

156.3629,

 1.7344, -3.0352,

-72.8234, 59.2727

1.2141

171.6092,
-76.0342, 62.4039

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1367, -47.8717,
34.8577

■ 64.1367, -47.8717,
34.8577

■ 63.5537, -50.5858,
36.4523

■ 64.9295, -44.2208,
32.5491

■ 63.1607, -52.4082,
37.3891

■ 65.9384, -39.6194,
29.5014

■ 62.9320, -53.4618,
37.8369


■ 67.1705, -34.0894,
25.7181


■ 62.9302, -53.4699,
37.8412

■ 68.6277, -27.6778,
21.2247


■ 70.3086, -20.4506,

16.0642

 72.2089, -12.4868,
10.2915

 74.3220, -3.8720,
3.9686

 76.6398, 5.3070,
-2.8398

 79.1529, 14.9663,
-10.0696

Harmonies

Analogous

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



64.1380, -22.9385, 40.5067



64.1367, -47.8717, 34.8577



64.1380, -59.4686, 17.1892

Triad

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



64.1380, -47.8727, 34.8580



64.1380, -18.9839, -105.1007



64.1380, 80.8580, 20.3009

Complementary

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



64.1367, -47.8717, 34.8577



41.5997, 61.4944, -47.7260

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.



64.1380, 82.6096, -14.1088



64.1367, -47.8717, 34.8577



64.1380, 18.7407, -102.4432

Square

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



64.1380, -47.8727, 34.8580



64.1380, -45.5516, -69.0553



64.1380, 57.8507, -63.0818



64.1380, 53.5040, 36.0145

Rectangle

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



64.1367, -47.8717, 34.8577



64.1380, -60.3143, -5.1889



64.1380, 57.8507, -63.0818



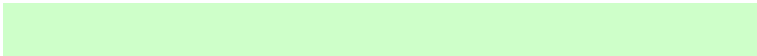
64.1380, 84.6480, 11.1056

Sweetspot

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



64.1380, -47.8727, 34.8580



94.2868, -28.9824, 22.6690



67.5518, -11.6057, 37.7898



43.3194, -14.7003, 11.4133

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1380, -47.8727, 34.8580



85.2206, -69.5563, 49.8481



64.5150, -44.9190, 24.3909



33.6155, -5.5972, 4.6327



50.4594, -42.7907, 30.3437



10.5584, -8.5979, 6.3555

Inverse Universe

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



41.5997, 61.4944, -47.7260



51.6399, 94.5919, -75.1470



40.9802, 55.2680, -10.3540



31.9394, 2.2707, -1.2277



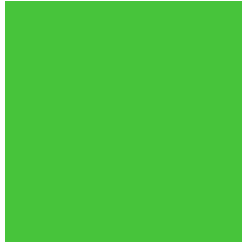
29.5389, 59.2555, -48.1152



6.2482, 12.4711, -9.6896

Previews

White Background



This preview shows how the HunterLab color 64.1367, -47.8717, 34.8577 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 64.1367, -47.8717, 34.8577 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 64.1367, -47.8717, 34.8577 Background



This preview shows how black text looks on a background with the HunterLab color 64.1367, -47.8717, 34.8577.



This preview shows how white text looks on a background with the HunterLab color 64.1367, -47.8717, 34.8577.

-47.8717, 34.8577.

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

64.1367, -47.8717, 34.8577

Protanopia

63.6004, -8.3871, 36.0148

Deuteranopia

63.4765, 4.7986, 33.6298



Tritanopia

63.9431, -20.2389, -10.4911

Trichromacy



Original Color

64.1367, -47.8717, 34.8577



Protanomaly

62.5471, -26.5717, 34.6498



Deuteranomaly

61.8502, -19.2128, 32.6850



Tritanomaly

63.5203, -33.4233, 12.7904

Monochromacy



Original Color

64.1367, -47.8717, 34.8577



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

55.4909, -22.5415, 17.4199

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1367, -47.8717, 34.8577 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(71, 196, 59)` looks like.

```
.text, #text, p{  
    color:rgb(71, 196, 59)  
}
```

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(71, 196, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 196, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1367, -47.8717, 34.8577 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(71, 196, 59) }
```


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

```
.border{ border-color:rgb(71, 196, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 196, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 196, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 196, 59);  
box-shadow:4px 4px 4px 4px rgb(71, 196,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1367, -47.8717, 34.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 196, 59) }
```

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

```
.background{ background-color: rgb(71, 196,  
59) }
```

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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