

Converting Colors

HunterLab(63.9179, -47.7939,
34.6422)

Have a look what the booklet for
HunterLab(63.9179, -47.7939,
34.6422) contains.

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Color

**HunterLab(63.7641,
-47.6030, 34.4827)**

Conversions

Conversions Part 1

Format	Color
Hex	46C33C
RGB	70, 195, 60
RGB Percent	27%, 76%, 24%
CMY	0.7255, 0.2353, 0.7647
CMYK	0.64, 0.00, 0.69, 0.24
HSL	116°, 53%, 50%
HSV	116°, 69%, 76%
XYZ	22.8565, 40.6586, 10.9183
YIQ	142.2350, -31.1650, -68.4850

Conversions

Conversions Part 2

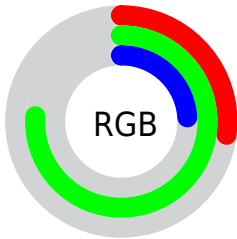
Format	Color
RYB	60, 195, 185
Decimal	4637500
CIELab	69.94, -59.49, 55.25
CIELCh	70, 81.185, 137.115
Yxy	40.6603, 0.3071, 0.5462
Android (android.graphics.Color)	4282827580 (0xFF46C33C)
YUV	142.2350, -40.5419, -63.3501
Hunter-Lab	63.7641, -47.6030, 34.4827

Details

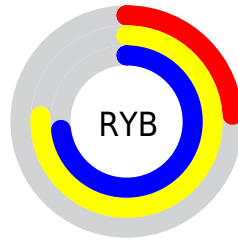
The HunterLab color $63.7641, -47.6030, 34.4827$ is a dark color, and the websafe version is hex $66CC33$. The color can be described as dark muted green. A complement of this color would be $41.8185, 61.1733, -46.3641$, and the grayscale version is $52.2707, -2.7890, 2.8400$.

A 20% lighter version of the original color is $87.3905, -55.5479, 42.0765$, and $43.3084, -37.1369, 26.0363$ is the 20% darker color. If you saturate the color by 10%, you get $63.1800, -50.3280, 36.1238$, and if you desaturate by 10%, it is $64.5611, -43.9287, 32.1311$.

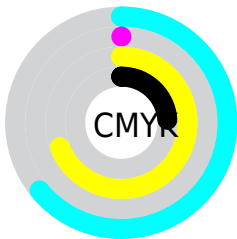
Distribution



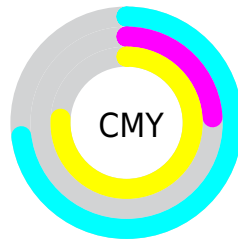
- Red (27%)
- Green (76%)
- Blue (24%)



- Red (24%)
- Yellow (76%)
- Blue (73%)



- Cyan (64%)
- Magenta (0%)
- Yellow (69%)
- Black (24%)



- Cyan (73%)
- Magenta (24%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7641, -47.6030, 34.4827 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 63.7641, -47.6030, 34.4827 by changing the saturation by 10% instead.

■ 63.7641, -47.6030,
34.4827

■ 63.7641, -47.6030,
34.4827

186.7883,
-78.8549, 64.7829

■ 52.9658, -43.4582,
30.4727

■ 87.2743, -55.3183,
41.9716

■ 42.8558, -39.0543,
26.2415

■ 99.9189, -58.9543,
45.5032

■ 33.4861, -34.3172,
21.7557

■ 113.1213,
-62.4749, 48.9209

■ 24.9207, -29.1357,
17.4445

■ 126.8589,
-65.8976, 52.2410

■ 17.2437, -23.4925,
12.0706

■ 141.1115,
-69.2365, 55.4769

■ 10.5730, -18.5028,
7.4011

155.8612,

0.0000, NaN, NaN

-72.5030, 58.6398

0.0000, NaN, NaN

171.0917,
-75.7065, 61.7392

0.0000, NaN, NaN

■ 63.7641, -47.6030,
34.4827

■ 63.7641, -47.6030,
34.4827

■ 63.1800, -50.3280,
36.1238

■ 64.5611, -43.9287,
32.1311

■ 62.7887, -52.1492,
37.1070

■ 65.5774, -39.2919,
29.0467

■ 62.5651, -53.1843,
37.5803

■ 66.8205, -33.7159,
25.2359

■ 62.5530, -53.2411,
37.6128

■ 68.2920, -27.2495,
20.7267

■ 69.9903, -19.9612,
15.5640

■ 71.9109, -11.9324,
9.8043

■ 74.0470, -3.2511,
3.5109

■ 76.3902, 5.9942,
-3.2510

■ 78.9308, 15.7176,
-10.4172

Harmonies

Analogous

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



63.7654, -23.0185, 40.1866



63.7641, -47.6030, 34.4827



63.7654, -58.9870, 16.7912

Triad

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



63.7654, -47.6040, 34.4830



63.7654, -18.5048, -103.9964



63.7654, 79.8100, 20.3462

Complementary

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



63.7641, -47.6030, 34.4827



41.8185, 61.1733, -46.3641

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.



63.7654, 81.8050, -13.5364



63.7641, -47.6030, 34.4827



63.7654, 18.9074, -100.9742

Square

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



63.7654, -47.6040, 34.4830



63.7654, -44.9518, -68.6790



63.7654, 57.5326, -61.8818



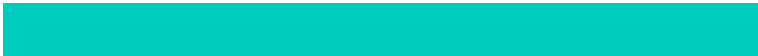
63.7654, 52.5801, 35.8098

Rectangle

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



63.7641, -47.6030, 34.4827



63.7654, -59.7520, -5.4924



63.7654, 57.5326, -61.8818



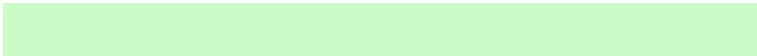
63.7654, 83.6420, 11.2966

Sweetspot

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



63.7654, -47.6040, 34.4830



93.1637, -28.8444, 22.3463



67.9027, -12.5966, 37.8874



43.2917, -14.8048, 11.3848

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.7654, -47.6040, 34.4830



84.2556, -68.7294, 49.1120



64.2336, -44.1949, 23.4837



33.6060, -5.6314, 4.6217



50.4430, -42.8605, 30.3324



10.5447, -8.6560, 6.3460

Inverse Universe

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



41.8185, 61.1733, -46.3641



51.7417, 93.6958, -72.4363



40.8555, 54.1787, -9.1875



31.9505, 2.3081, -1.2129



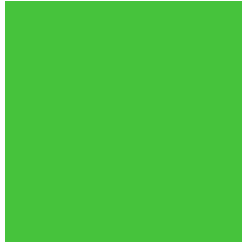
29.8789, 59.7391, -47.1309



6.3028, 12.5492, -9.5356

Previews

White Background



This preview shows how the HunterLab color 63.7641, -47.6030, 34.4827 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 63.7641, -47.6030, 34.4827 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 63.7641, -47.6030, 34.4827 Background



This preview shows how black text looks on a background with the HunterLab color 63.7641, -47.6030, 34.4827.



This preview shows how white text looks on a background with the HunterLab color 63.7641, -47.6030, 34.4827.

-47.6030, 34.4827.

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

63.7641, -47.6030, 34.4827

Protanopia

63.2089, -8.2395, 35.6454

Deuteranopia

62.9756, 4.5671, 33.1131



Tritanopia

63.5379, -20.1699, -10.4931

Trichromacy



Original Color

63.7641, -47.6030, 34.4827



Protanomaly

62.1584, -26.3942, 34.2709



Deuteranomaly

61.3803, -19.3437, 32.2010



Tritanomaly

63.1438, -33.1831, 12.4089

Monochromacy



Original Color

63.7641, -47.6030, 34.4827



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

55.1113, -22.3649, 17.0763

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7641, -47.6030, 34.4827 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(70, 195, 60)` looks like.

```
.text, #text, p{  
    color:rgb(70, 195, 60)  
}
```

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(70, 195, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 195, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7641, -47.6030, 34.4827 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(70, 195, 60) }
```


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

```
.border{ border-color:rgb(70, 195, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 195, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 195, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 195, 60);  
box-shadow:4px 4px 4px 4px rgb(70, 195,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7641, -47.6030, 34.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 195, 60) }
```

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

```
.background{ background-color: rgb(70, 195,  
60) }
```

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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