

Converting Colors

HunterLab(62.7251, -53.5695,
23.1235)

Have a look what the booklet for
HunterLab(62.7251, -53.5695,
23.1235) contains.

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Color

**HunterLab(64.1111,
-48.4610, 24.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	00C570
RGB	0, 197, 112
RGB Percent	0%, 77%, 44%
CMY	1.0000, 0.2274, 0.5608
CMYK	1.00, 0.00, 0.43, 0.23
HSL	154°, 100%, 39%
HSV	154°, 100%, 77%
XYZ	22.8909, 41.1023, 22.0563
YIQ	128.4070, -90.1270, -68.1990

Conversions

Conversions Part 2

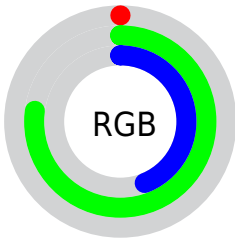
Format	Color
RYB	0, 126, 197
Decimal	50544
CIELab	70.25, -60.67, 31.24
CIELCh	70, 68.245, 152.754
Yxy	41.1040, 0.2660, 0.4777
Android (android.graphics.Color)	4278240624 (0xFF00C570)
YUV	128.4070, -8.0887, -112.6129
Hunter-Lab	64.1111, -48.4610, 24.4801

Details

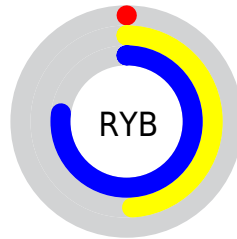
The HunterLab color **64.1111, -48.4610, 24.4801** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **35.3937, 62.4644, 8.5014**, and the grayscale version is **46.6791, -2.4907, 2.5362**.

A 20% lighter version of the original color is **87.6865, -56.3563, 28.9760**, and **44.3902, -35.1783, 20.4561** is the 20% darker color. If you saturate the color by 10%, you get **64.1122, -48.4625, 24.4818**, and if you desaturate by 10%, it is **64.3801, -47.0367, 22.3351**.

Distribution



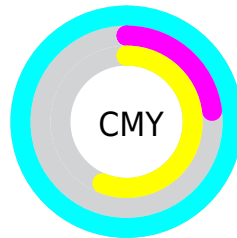
- Red (0%)
- Green (77%)
- Blue (44%)



- Red (0%)
- Yellow (49%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.1111, -48.4610, 24.4801 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 64.1111, -48.4610, 24.4801 by changing the saturation by 10% instead.


 64.1111, -48.4610,
24.4801


 64.1111, -48.4610,
24.4801


187.2845,
-80.2148, 43.7846


 53.2920, -44.2449,
22.0622


 87.6594, -56.3060,
29.0691


 43.1598, -39.7651,
19.5295


 100.3218,
-60.0022, 31.2721


 33.7662, -34.9466,
16.8475


 113.5412,
-63.5801, 33.4297

 25.1746, -29.6775,
13.9663

 127.2951,
-67.0577, 35.5506

 17.4684, -23.9327,
11.3575

 141.5634,
-70.4493, 37.6415

 10.7640, -18.8371,
7.5348

156.3283,

 1.6593, -2.9038,

-73.7665, 39.7079

1.1615

171.5736,
-77.0190, 41.7544

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1111, -48.4610,
24.4801

■ 64.1111, -48.4610,
24.4801

■ 64.1122, -48.4625,
24.4818

■ 64.3801, -47.0367,
22.3351

■ 64.7754, -45.0655,
20.1141

■ 65.3360, -42.4064,
17.8680

■ 66.0786, -39.0152,
15.6322

■ 67.0144, -34.8777,

13.4397

■ 68.1507, -30.0047,
11.3211

■ 69.4908, -24.4271,
9.3033

■ 71.0350, -18.1914,
7.4091

■ 72.7812, -11.3552,
5.6565

Harmonies

Analogous

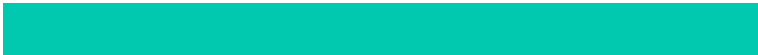
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1124, -32.7210, 35.2963



64.1111, -48.4610, 24.4801



64.1124, -52.9572, 0.6915

Triad

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



64.1124, -48.4616, 24.4805



64.1124, -0.5211, -83.5057



64.1124, 55.1318, 27.2982

Complementary

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



64.1111, -48.4610, 24.4801



35.3937, 62.4644, 8.5014

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.



64.1124, 68.0505, 6.1674



64.1111, -48.4610, 24.4801



64.1124, 32.3099, -65.3099

Square

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



64.1124, -48.4616, 24.4805



64.1124, -28.6085, -70.6525



64.1124, 58.9961, -28.4634



64.1124, 26.3695, 36.2919

Rectangle

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



64.1111, -48.4610, 24.4801



64.1124, -49.8412, -22.6931



64.1124, 58.9961, -28.4634



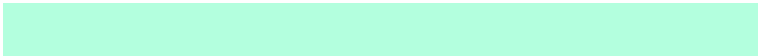
64.1124, 61.6955, 21.8488

Sweetspot

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



64.1124, -48.4616, 24.4805



92.9073, -33.0585, 12.5729



64.7170, -47.7552, 39.0420



42.6150, -16.8161, 6.3445

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1124, -48.4616, 24.4805



85.7691, -65.0419, 33.2028



61.8536, -29.7713, -13.0432



34.6226, -5.1883, 2.6386



52.0114, -39.2020, 19.6160



11.3808, -8.1415, 3.3501

Inverse Universe

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



35.3937, 62.4644, 8.5014



47.3144, 83.4081, 12.1180



34.8746, 57.5751, 22.4969



32.7287, 1.7401, 1.1006



28.7318, 50.7617, 6.4920



6.3667, 11.4631, -0.2270

Previews

White Background



This preview shows how the HunterLab color 64.1111, -48.4610, 24.4801 looks on a white background.

Color Contrast Check

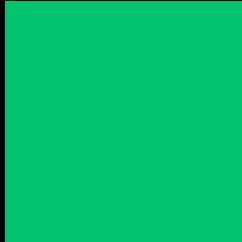
Large Text (above 18pt) WCAG AA × Fail

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 64.1111, -48.4610, 24.4801 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 64.1111, -48.4610, 24.4801 Background



This preview shows how black text looks on a background with the HunterLab color 64.1111, -48.4610, 24.4801.



This preview shows how white text looks on a background with the HunterLab color 64.1111, -48.4610, 24.4801.

-48.4610, 24.4801.

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

64.1111, -48.4610, 24.4801

Protanopia

63.3623, -6.5863, 27.1658

Deuteranopia

63.4405, 4.6655, 22.5666



Tritanopia

64.2039, -25.6737, -12.4879

Trichromacy



Original Color

64.1111, -48.4610, 24.4801



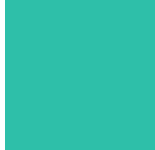
Protanomaly

61.2655, -30.3146, 24.0249



Deuteranomaly

60.5074, -24.4838, 20.3647



Tritanomaly

63.8021, -36.3420, 3.7967

Monochromacy



Original Color

64.1111, -48.4610, 24.4801



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

50.9283, -24.9934, 9.5088

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1111, -48.4610, 24.4801 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(0, 197, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 112)  
}
```

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(0, 197, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1111, -48.4610, 24.4801 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(0, 197, 112) }
```


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

```
.border{ border-color:rgb(0, 197, 112) }
```

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

Here you see how a box with a 4 pixel rgb(0, 197, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1111, -48.4610, 24.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 112) }
```

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

```
.background{ background-color: rgb(0, 197,  
112) }
```

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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