

Converting Colors

HunterLab(76.3602, -48.4573,
29.8133)

Have a look what the booklet for
HunterLab(76.3602, -48.4573,
29.8133) contains.

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Color

**HunterLab(76.3459,
-48.4210, 29.7952)**

Conversions

Conversions Part 1

Format	Color
Hex	66E182
RGB	102, 225, 130
RGB Percent	40%, 88%, 51%
CMY	0.6000, 0.1176, 0.4902
CMYK	0.55, 0.00, 0.42, 0.12
HSL	134°, 67%, 64%
HSV	134°, 55%, 88%
XYZ	36.4340, 58.2870, 30.4494
YIQ	177.3930, -42.8130, -55.6210

Conversions

Conversions Part 2

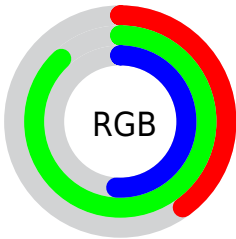
Format	Color
RYB	102, 202, 225
Decimal	6742402
CIELab	80.90, -54.45, 36.28
CIELCh	81, 65.431, 146.328
Yxy	58.2894, 0.2911, 0.4657
Android (android.graphics.Color)	4284932482 (0xFF66E182)
YUV	177.3930, -23.3647, -66.1197
Hunter-Lab	76.3459, -48.4210, 29.7952

Details

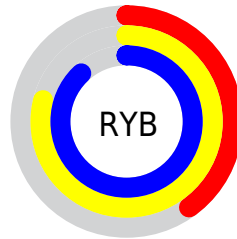
The HunterLab color **76.3459, -48.4210, 29.7952** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **54.3532, 55.5639, -23.1583**, and the grayscale version is **66.5789, -3.5525, 3.6174**.

A 20% lighter version of the original color is **90.8613, -42.8844, 25.6469**, and **54.0960, -41.1258, 24.5064** is the 20% darker color. If you saturate the color by 10%, you get **75.3129, -53.2232, 33.2637**, and if you desaturate by 10%, it is **77.6491, -42.5368, 25.9052**.

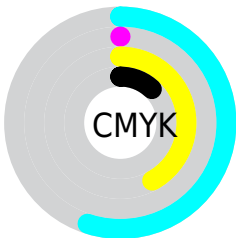
Distribution



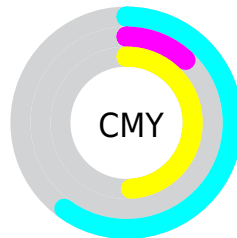
- Red (40%)
- Green (88%)
- Blue (51%)



- Red (40%)
- Yellow (79%)
- Blue (88%)



- Cyan (55%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)





- Cyan (60%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.3459, -48.4210, 29.7952 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 76.3459, -48.4210, 29.7952 by changing the saturation by 10% instead.


 76.3459, -48.4210,
29.7952


 76.3459, -48.4210,
29.7952


204.5149,
-76.6350, 50.8915


 64.8393, -44.8033,
27.1669


 101.1653,
-55.2520, 34.8054


 53.9756, -41.0066,
24.4282


 114.4201,
-58.5079, 37.2154

 43.7972, -36.9859,
21.5510


 128.2081,
-61.6795, 39.5767

 34.3538, -32.6753,
18.4967

 142.5093,
-64.7793, 41.8974

 25.7077, -27.9773,
15.2137

157.3059,
-67.8171, 44.1842

 17.9408, -22.7394,
12.5586

172.5819,

 11.1668, -19.5418,

-70.8013, 46.4426

7.8167

188.3227,
-73.7386, 48.6771

■ 3.1555, -5.5221,
2.2088

0.0000, NaN, NaN

■ 76.3459, -48.4210,
29.7952

■ 76.3459, -48.4210,
29.7952

■ 75.3129, -53.2232,
33.2637

■ 77.6491, -42.5368,
25.9052

■ 74.5341, -56.9346,
36.2719


■ 79.2236, -35.6085,
21.6391


■ 73.9929, -59.5932,
38.7952

■ 81.0719, -27.7055,
17.0510


■ 73.6630, -61.2870,
40.8221


■ 83.1908, -18.9159,
12.1973

 73.5484, -61.8981,
41.6911

 85.5740, -9.3394,
7.1341

 88.2123, 0.9205,
1.9143

 90.6195, 10.1897,
-4.0484

 90.7374, 10.8158,
-5.7177

Harmonies

Analogous

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



76.3475, -29.2443, 39.9712



76.3459, -48.4210, 29.7952



76.3475, -55.8260, 7.7723

Triad

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



76.3475, -48.4221, 29.7958



76.3475, -7.9376, -79.1642



76.3475, 58.5026, 25.6363

Complementary

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



76.3459, -48.4210, 29.7952



54.3532, 55.5639, -23.1583

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.



76.3475, 66.6654, 0.3532



76.3459, -48.4210, 29.7952



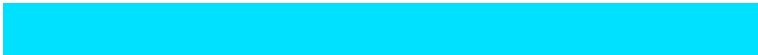
76.3475, 24.8404, -68.0971

Square

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



76.3475, -48.4221, 29.7958



76.3475, -34.9829, -61.4525



76.3475, 53.4766, -35.4278



76.3475, 32.6905, 38.3480

Rectangle

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



76.3459, -48.4210, 29.7952



76.3475, -54.1555, -13.9829



76.3475, 53.4766, -35.4278



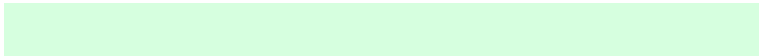
76.3475, 63.5657, 18.7094

Sweetspot

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



76.3475, -48.4221, 29.7958



95.4989, -23.3210, 14.8807



81.7716, -28.0462, 40.7816



43.9405, -11.7842, 7.4276

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3475, -48.4221, 29.7958



86.6099, -62.1936, 38.9949



77.7187, -40.1943, 9.9553



39.2277, -6.5090, 4.4502



55.8432, -46.9038, 31.4526



14.7483, -12.0602, 7.6003

Inverse Universe

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



54.3532, 55.5639, -23.1583



57.4642, 76.8299, -30.7571



52.2621, 46.2159, 6.2261



37.2551, 2.6219, -0.3140



33.1646, 62.1461, -20.0479



8.8068, 16.6288, -6.2998

Previews

White Background



This preview shows how the HunterLab color 76.3459, -48.4210, 29.7952 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 76.3459, -48.4210, 29.7952 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 76.3459, -48.4210, 29.7952 Background



This preview shows how black text looks on a background with the HunterLab color 76.3459, -48.4210, 29.7952.



This preview shows how white text looks on a background with the HunterLab color 76.3459, -48.4210, 29.7952.

-48.4210, 29.7952.

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

76.3459, -48.4210, 29.7952

Protanopia

75.5701, -7.7039, 32.4898

Deuteranopia

75.6794, 5.4896, 27.8919



Tritanopia

76.0353, -23.1250, -11.9280

Trichromacy



Original Color

76.3459, -48.4210, 29.7952



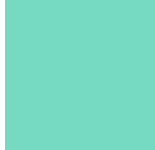
Protanomaly

74.6975, -25.3411, 30.4490



Deuteranomaly

74.3505, -17.9595, 27.2214



Tritanomaly

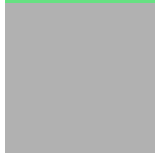
75.7445, -33.5243, 6.1351

Monochromacy



Original Color

76.3459, -48.4210, 29.7952



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

68.9969, -21.8804, 13.5537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3459, -48.4210, 29.7952 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(102, 225, 130)` looks like.

```
.text, #text, p{  
    color:rgb(102, 225, 130)  
}
```

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(102, 225, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 225, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3459, -48.4210, 29.7952 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(102, 225, 130) }
```


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

```
.border{ border-color:rgb(102, 225, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 225, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 225, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 225, 130);  
box-shadow:4px 4px 4px 4px rgb(102, 225,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3459, -48.4210, 29.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 225, 130) }
```

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

```
.background{ background-color: rgb(102,  
225, 130) }
```

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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