

Converting Colors

HunterLab(76.8156, -48.1488,
24.9812)

Have a look what the booklet for
HunterLab(76.8156, -48.1488,
24.9812) contains.

HunterLab(76.7190, -48.0413, 24.7807)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.7190,
-48.0413, 24.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	5DE294
RGB	93, 226, 148
RGB Percent	36%, 89%, 58%
CMY	0.6353, 0.1137, 0.4196
CMYK	0.59, 0.00, 0.35, 0.11
HSL	145°, 70%, 63%
HSV	145°, 59%, 89%
XYZ	37.0559, 58.8580, 37.4247
YIQ	177.3410, -54.2300, -52.4540

Conversions

Conversions Part 2

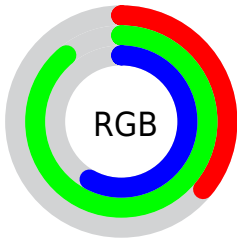
Format	Color
RYB	93, 187, 226
Decimal	6152852
CIELab	81.21, -53.76, 27.51
CIElCh	81, 60.389, 152.897
Yxy	58.8604, 0.2779, 0.4414
Android (android.graphics.Color)	4284342932 (0xFF5DE294)
YUV	177.3410, -14.4651, -73.9671
Hunter-Lab	76.7190, -48.0413, 24.7807

Details

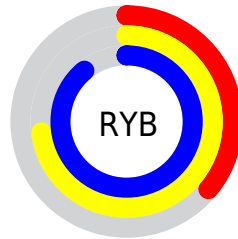
The HunterLab color **76.7190, -48.0413, 24.7807** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **51.9028, 55.7833, -11.0552**, and the grayscale version is **66.5247, -3.5496, 3.6144**.

A 20% lighter version of the original color is **90.8868, -41.8486, 18.4137**, and **54.4589, -40.8276, 20.5300** is the 20% darker color. If you saturate the color by 10%, you get **75.7986, -52.3261, 27.9339**, and if you desaturate by 10%, it is **77.8865, -42.7893, 21.4862**.

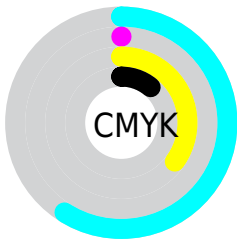
Distribution



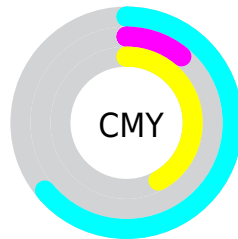
- Red (36%)
- Green (89%)
- Blue (58%)



- Red (36%)
- Yellow (73%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)





- Cyan (64%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.7190, -48.0413, 24.7807 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 76.7190, -48.0413, 24.7807 by changing the saturation by 10% instead.


 76.7190, -48.0413,
24.7807

 76.7190, -48.0413,
24.7807


205.0328,
-75.9430, 42.2037


 65.1926, -44.4702,
22.6808


 101.5750,
-54.7888, 28.8297

 54.3080, -40.7245,
20.5100


 114.8470,
-58.0069, 30.7983

 44.1073, -36.7603,
18.2474


 128.6514,
-61.1429, 32.7398

 34.6398, -32.5136,
15.8630

 142.9685,
-64.2087, 34.6598

 25.9675, -27.8893,
13.3133

157.7805,
-67.2143, 36.5628

 18.1713, -22.7390,
10.6522

173.0714,

 11.3637, -19.8865,

-70.1675, 38.4525

7.9546

188.8266,
-73.0752, 40.3320

■ 3.6673, -6.4177,
2.5671

0.0000, NaN, NaN

■ 76.7190, -48.0413,
24.7807

■ 76.7190, -48.0413,
24.7807

■ 75.7986, -52.3261,
27.9339

■ 77.8865, -42.7893,
21.4862

■ 75.1074, -55.6514,
30.9013


■ 79.3042, -36.5896,
18.0922


■ 74.6271, -58.0683,
33.6436


■ 80.9768, -29.4916,
14.6429


■ 74.3221, -59.7058,
36.1178

■ 82.9035, -21.5634,
11.1792


 74.2923, -59.8687,
36.3804

 85.0803, -12.8862,
7.7383

 87.5005, -3.5479,
4.3523

 90.1556, 6.3624,
1.0478

 91.0017, 10.0892,
-4.8605

 91.0357, 10.2696,
-5.3409

Harmonies

Analogous

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



76.7206, -32.3331, 36.8990



76.7190, -48.0413, 24.7807



76.7206, -52.6006, 1.4208

Triad

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



76.7206, -48.0422, 24.7813



76.7206, -1.2326, -70.8360



76.7206, 49.1032, 27.9335

Complementary

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



76.7190, -48.0413, 24.7807



51.9028, 55.7833, -11.0552

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.



76.7206, 60.5846, 6.8329



76.7190, -48.0413, 24.7807



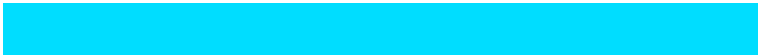
76.7206, 28.9227, -55.7432

Square

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



76.7206, -48.0422, 24.7813



76.7206, -28.0901, -60.3981



76.7206, 52.7008, -24.4361



76.7206, 23.2615, 38.1812

Rectangle

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



76.7190, -48.0413, 24.7807



76.7206, -49.3618, -19.7091



76.7206, 52.7008, -24.4361



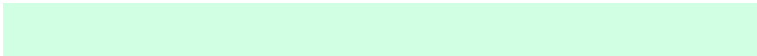
76.7206, 54.9316, 22.2216

Sweetspot

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



76.7206, -48.0422, 24.7813



95.2344, -24.0285, 12.5298



80.0295, -36.6411, 40.9997



43.7437, -12.4005, 6.3345

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7206, -48.0422, 24.7813



86.6822, -61.1064, 32.9466



78.4292, -37.8275, 0.2254



39.2820, -6.2053, 3.6720



56.1328, -45.0947, 27.1854



14.8376, -11.5049, 6.2902

Inverse Universe

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



51.9028, 55.7833, -11.0552



54.2692, 75.8577, -12.4826



50.0455, 47.5905, 15.4185



37.1951, 2.3000, 0.5398



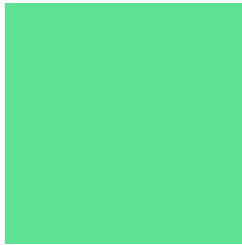
31.9490, 57.7905, -3.2074



8.5160, 15.5918, -2.3106

Previews

White Background



This preview shows how the HunterLab color 76.7190, -48.0413, 24.7807 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 76.7190, -48.0413, 24.7807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

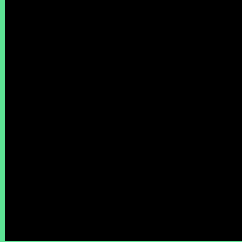
Any Text WCAG AA ✓ Pass

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 76.7190, -48.0413, 24.7807 Background



This preview shows how black text looks on a background with the HunterLab color 76.7190, -48.0413, 24.7807.



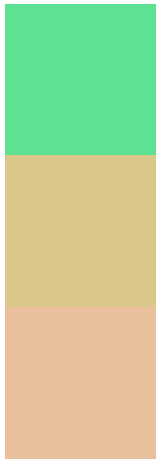
This preview shows how white text looks on a background with the HunterLab color 76.7190, -48.0413, 24.7807.

-48.0413, 24.7807.

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

76.7190, -48.0413, 24.7807

Protanopia

76.0700, -6.9149, 28.3066

Deuteranopia

75.8894, 5.4553, 22.2854



Tritanopia

76.7115, -25.4972, -12.7603

Trichromacy



Original Color

76.7190, -48.0413, 24.7807



Protanomaly

75.0298, -25.1452, 25.8798



Deuteranomaly

74.5338, -18.1833, 21.6358



Tritanomaly

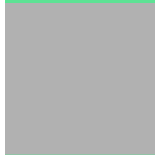
76.6172, -34.9239, 3.3594

Monochromacy



Original Color

76.7190, -48.0413, 24.7807



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

69.2058, -22.4478, 11.3439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7190, -48.0413, 24.7807 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(93, 226, 148)` looks like.

```
.text, #text, p{  
    color:rgb(93, 226, 148)  
}
```

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(93, 226, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 226, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7190, -48.0413, 24.7807 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(93, 226, 148) }
```


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

```
.border{ border-color:rgb(93, 226, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 226, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 226, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 226, 148);  
box-shadow:4px 4px 4px 4px rgb(93, 226,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7190, -48.0413, 24.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 226, 148) }
```

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

```
.background{ background-color: rgb(93, 226,  
148) }
```

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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