

Converting Colors

HunterLab(76.4941, -50.7815,
30.6590)

Have a look what the booklet for
HunterLab(76.4941, -50.7815,
30.6590) contains.

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Color

**HunterLab(76.6458,
-50.9572, 30.8047)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE37F
RGB	92, 227, 127
RGB Percent	36%, 89%, 50%
CMY	0.6392, 0.1098, 0.5020
CMYK	0.59, 0.00, 0.44, 0.11
HSL	136°, 71%, 63%
HSV	136°, 59%, 89%
XYZ	35.7135, 58.7458, 29.5354
YIQ	175.2350, -48.3600, -59.7200

Conversions

Conversions Part 2

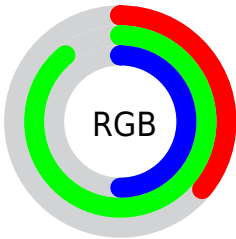
Format	Color
RYB	92, 199, 227
Decimal	6087551
CIELab	81.15, -57.96, 38.04
CIElCh	81, 69.324, 146.723
Yxy	58.7482, 0.2880, 0.4738
Android (android.graphics.Color)	4284277631 (0xFF5CE37F)
YUV	175.2350, -23.7799, -72.9971
Hunter-Lab	76.6458, -50.9572, 30.8047

Details

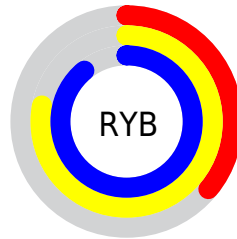
The HunterLab color **76.6458, -50.9572, 30.8047** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **52.7182, 60.1842, -22.5496**, and the grayscale version is **65.6837, -3.5047, 3.5687**.

A 20% lighter version of the original color is **90.3485, -45.0270, 26.1960**, and **54.1029, -42.9501, 25.0930** is the 20% darker color. If you saturate the color by 10%, you get **75.7275, -55.2784, 34.1034**, and if you desaturate by 10%, it is **77.8288, -45.5580, 27.1152**.

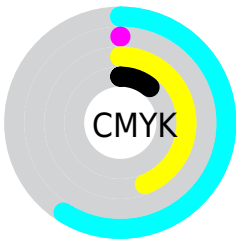
Distribution



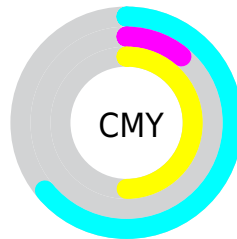
- Red (36%)
- Green (89%)
- Blue (50%)



- Red (36%)
- Yellow (78%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)





- Cyan (64%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.6458, -50.9572, 30.8047 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 76.6458, -50.9572, 30.8047 by changing the saturation by 10% instead.


 76.6458, -50.9572,
30.8047


 76.6458, -50.9572,
30.8047


204.9312,
-80.6285, 52.6415

 65.1233, -47.1325,
28.0714


 101.4946,
-58.1662, 36.0072


 54.2428, -43.1139,
25.2207


 114.7633,
-61.5965, 38.5060

 44.0465, -38.8530,
22.2236


 128.5645,
-64.9344, 40.9519

 34.5837, -34.2802,
19.0407

 142.8784,
-68.1934, 43.3536

 25.9165, -29.2924,
15.6205

157.6874,
-71.3840, 45.7180

 18.1261, -23.7346,
12.6883

172.9754,

 11.3250, -19.8188,

-74.5153, 48.0511

7.9275

188.7277,
-77.5947, 50.3575

■ 3.5727, -6.2523,
2.5009

0.0000, NaN, NaN

■ 76.6458, -50.9572,
30.8047

■ 76.6458, -50.9572,
30.8047

■ 75.7275, -55.2784,
34.1034

■ 77.8288, -45.5580,
27.1152

■ 75.0548, -58.5318,
36.9745


■ 79.2800, -39.1025,
23.0778


■ 74.6076, -60.7772,
39.3941


■ 81.0042, -31.6472,
18.7439

■ 74.3449, -62.1705,
41.3417

■ 83.0003, -23.2707,
14.1674

 74.3335, -62.2317,
41.4301

 85.2634, -14.0663,
9.4024

 87.7857, -4.1350,
4.5001

 90.5576, 6.4213,
-0.4926

 91.3348, 9.7238,
-4.9643

Harmonies

Analogous

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



76.6474, -31.0268, 41.2602



76.6458, -50.9572, 30.8047



76.6474, -58.5007, 7.6011

Triad

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



76.6474, -50.9582, 30.8052



76.6474, -7.7503, -85.9947



76.6474, 62.5392, 26.9758

Complementary

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



76.6458, -50.9572, 30.8047



52.7182, 60.1842, -22.5496

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.



76.6474, 71.6254, 0.5770



76.6458, -50.9572, 30.8047



76.6474, 27.1630, -73.4839

Square

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



76.6474, -50.9582, 30.8052



76.6474, -36.4074, -67.0098



76.6474, 57.7156, -37.7697



76.6474, 34.6570, 39.8120

Rectangle

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



76.6458, -50.9572, 30.8047



76.6474, -56.6563, -15.6946



76.6474, 57.7156, -37.7697



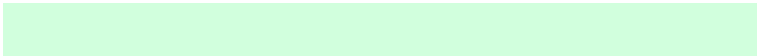
76.6474, 68.0804, 19.8283

Sweetspot

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



76.6474, -50.9582, 30.8052



95.0318, -25.1800, 15.4386



81.9048, -31.1856, 42.5936



43.6371, -13.0094, 7.8657

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6474, -50.9582, 30.8052



86.2274, -63.9025, 39.6006



78.1520, -41.8929, 9.0355



40.1873, -6.6253, 4.4293



56.7799, -47.4347, 31.4280



15.4832, -12.5935, 7.8332

Inverse Universe

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



52.7182, 60.1842, -22.5496



55.4148, 80.4398, -28.3351



50.4838, 50.4581, 8.9077



38.1419, 2.6412, -0.1776



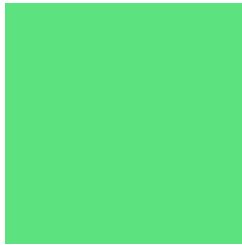
33.4608, 62.2995, -17.1129



9.1778, 17.2264, -5.7681

Previews

White Background



This preview shows how the HunterLab color 76.6458, -50.9572, 30.8047 looks on a white background.

Color Contrast Check

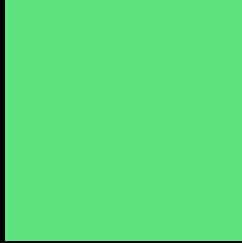
Large Text (above 18pt) WCAG AA × Fail

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 76.6458, -50.9572, 30.8047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

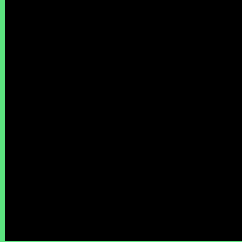
Any Text WCAG AA ✓ Pass

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 76.6458, -50.9572, 30.8047 Background



This preview shows how black text looks on a background with the HunterLab color 76.6458, -50.9572, 30.8047.



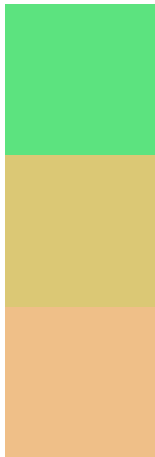
This preview shows how white text looks on a background with the HunterLab color 76.6458,

-50.9572, 30.8047.

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

76.6458, -50.9572, 30.8047

Protanopia

75.9296, -8.0962, 33.5042

Deuteranopia

75.7561, 5.6709, 28.5501



Tritanopia

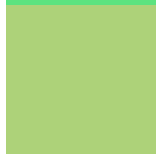
76.4801, -24.7259, -12.4907

Trichromacy



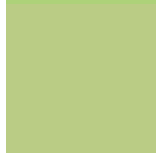
Original Color

76.6458, -50.9572, 30.8047



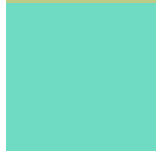
Protanomaly

75.0719, -27.3949, 31.4930



Deuteranomaly

74.3763, -19.5775, 27.7983



Tritanomaly

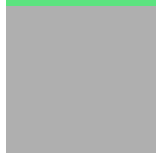
76.0744, -35.7561, 6.4725

Monochromacy



Original Color

76.6458, -50.9572, 30.8047



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

68.6090, -23.4376, 13.9122

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6458, -50.9572, 30.8047 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(92, 227, 127)` looks like.

```
.text, #text, p{  
    color:rgb(92, 227, 127)  
}
```

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(92, 227, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 227, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6458, -50.9572, 30.8047 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(92, 227, 127) }
```


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

```
.border{ border-color:rgb(92, 227, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 227, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 227, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 227, 127);  
box-shadow:4px 4px 4px 4px rgb(92, 227,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6458, -50.9572, 30.8047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 227, 127) }
```

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

```
.background{ background-color: rgb(92, 227,  
127) }
```

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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