

Converting Colors

HunterLab(76.0088, -51.1000,
33.3958)

Have a look what the booklet for
HunterLab(76.0088, -51.1000,
33.3958) contains.

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Color

**HunterLab(75.8427,
-50.9644, 33.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	5FE173
RGB	95, 225, 115
RGB Percent	37%, 88%, 45%
CMY	0.6274, 0.1176, 0.5490
CMYK	0.58, 0.00, 0.49, 0.12
HSL	129°, 68%, 63%
HSV	129°, 58%, 88%
XYZ	34.7391, 57.5212, 25.4914
YIQ	173.5900, -42.1700, -61.7700

Conversions

Conversions Part 2

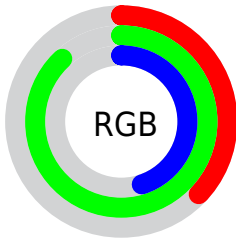
Format	Color
RYB	95, 208, 225
Decimal	6283635
CIELab	80.47, -58.34, 43.07
CIELCh	80, 72.512, 143.565
Yxy	57.5235, 0.2950, 0.4885
Android (android.graphics.Color)	4284473715 (0xFF5FE173)
YUV	173.5900, -28.8849, -68.9234
Hunter-Lab	75.8427, -50.9644, 33.1620

Details

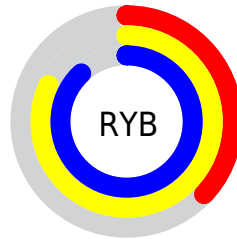
The HunterLab color **75.8427, -50.9644, 33.1620** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **53.4797, 60.4952, -30.0215**, and the grayscale version is **65.0188, -3.4692, 3.5326**.

A 20% lighter version of the original color is **90.1960, -46.1488, 30.0962**, and **53.6951, -43.1729, 26.9750** is the 20% darker color. If you saturate the color by 10%, you get **74.8957, -55.4066, 36.4267**, and if you desaturate by 10%, it is **77.0661, -45.3771, 29.3298**.

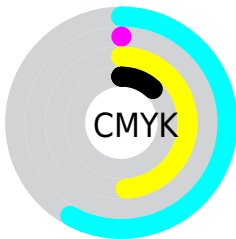
Distribution



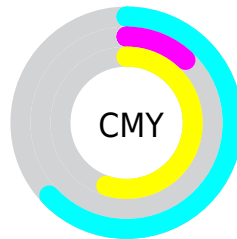
- Red (37%)
- Green (88%)
- Blue (45%)



- Red (37%)
- Yellow (82%)
- Blue (88%)



- Cyan (58%)
- Magenta (0%)
- Yellow (49%)
- Black (12%)





- Cyan (63%)
- Magenta (12%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.8427, -50.9644, 33.1620 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 75.8427, -50.9644, 33.1620 by changing the saturation by 10% instead.


 75.8427, -50.9644,
33.1620


 75.8427, -50.9644,
33.1620


203.8156,
-80.8473, 57.2020

 64.3628, -47.1047,
30.1104


 100.6125,
-58.2334, 38.9433


 53.5275, -43.0464,
26.9183


 113.8441,
-61.6900, 41.7076

 43.3793, -38.7397,
23.5535


 127.6098,
-65.0522, 44.4056

 33.9685, -34.1126,
19.9741

 141.8894,
-68.3338, 47.0476

 25.3581, -29.0585,
16.2019

156.6653,
-71.5457, 49.6419

 17.6308, -23.4621,
12.3416

171.9212,

 10.9024, -19.0792,

-74.6970, 52.1953

7.6317

187.6424,
-77.7954, 54.7137

■ 2.2887, -4.0052,
1.6021

0.0000, NaN, NaN

■ 75.8427, -50.9644,
33.1620

■ 75.8427, -50.9644,
33.1620

■ 74.8957, -55.4066,
36.4267

■ 77.0661, -45.3771,
29.3298

■ 74.2062, -58.7105,
39.0988


■ 78.5690, -38.6724,
24.9685


■ 73.7543, -60.9352,
41.1744


■ 80.3554, -30.9152,
20.1313

■ 73.5054, -62.2115,
42.6669


■ 82.4232, -22.1932,
14.8787

 73.4655, -62.4179,
42.9169

 84.7665, -12.6096,
9.2749

 87.3765, -2.2742,
3.3839

 90.2423, 8.7031,
-2.7339

 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.



75.8443, -29.1303, 42.4934



75.8427, -50.9644, 33.1620



75.8443, -60.0205, 10.9602

Triad

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



75.8443, -50.9655, 33.1625



75.8443, -11.4487, -91.0485



75.8443, 68.0380, 25.5264

Complementary

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



75.8427, -50.9644, 33.1620



53.4797, 60.4952, -30.0215

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.



75.8443, 75.1003, -3.4046



75.8427, -50.9644, 33.1620



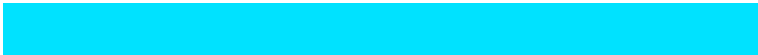
75.8443, 24.7808, -81.1443

Square

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



75.8443, -50.9655, 33.1625



75.8443, -40.0325, -67.5713



75.8443, 58.0593, -44.5990



75.8443, 40.2114, 39.6900

Rectangle

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



75.8427, -50.9644, 33.1620



75.8443, -59.0224, -12.4791



75.8443, 58.0593, -44.5990



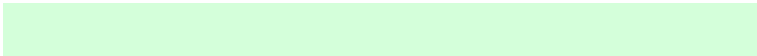
75.8443, 73.1056, 17.6644

Sweetspot

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



75.8443, -50.9655, 33.1625



95.1545, -24.8764, 16.7320



82.2981, -26.2307, 42.4526



43.7859, -12.4948, 8.3263

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.8443, -50.9655, 33.1625



86.1554, -64.5909, 42.5514



77.1756, -42.9261, 13.8343



39.2065, -6.6277, 4.7543



55.7768, -47.3200, 32.4342



14.7215, -12.2276, 7.9952

Inverse Universe

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



53.4797, 60.4952, -30.0215



56.9708, 82.1304, -39.7903



51.0893, 50.0545, 3.3379



37.2793, 2.7516, -0.6578



33.7496, 64.2151, -27.9421



8.9411, 17.1021, -8.0995

Previews

White Background



This preview shows how the HunterLab color 75.8427, -50.9644, 33.1620 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 75.8427, -50.9644, 33.1620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

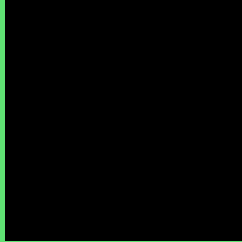
Any Text WCAG AA ✓ Pass

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 75.8427, -50.9644, 33.1620 Background



This preview shows how black text looks on a background with the HunterLab color 75.8427, -50.9644, 33.1620.



This preview shows how white text looks on a background with the HunterLab color 75.8427,

-50.9644, 33.1620.

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

75.8427, -50.9644, 33.1620

Protanopia

75.0561, -8.3727, 35.3313

Deuteranopia

74.9674, 5.5552, 31.2108



Tritanopia

75.5177, -23.4299, -12.0761

Trichromacy



Original Color

75.8427, -50.9644, 33.1620



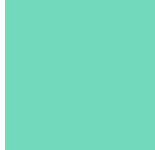
Protanomaly

74.2295, -27.5818, 33.7008



Deuteranomaly

73.6114, -19.5413, 30.4470



Tritanomaly

75.3441, -35.4284, 8.3670

Monochromacy



Original Color

75.8427, -50.9644, 33.1620



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

68.1613, -23.7048, 15.3710

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.8427, -50.9644, 33.1620 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(95, 225, 115)` looks like.

```
.text, #text, p{  
    color:rgb(95, 225, 115)  
}
```

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(95, 225, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 225, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 75.8427, -50.9644, 33.1620 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(95, 225, 115) }
```


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

```
.border{ border-color:rgb(95, 225, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 225, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 225, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 225, 115);  
box-shadow:4px 4px 4px 4px rgb(95, 225,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.8427, -50.9644, 33.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 225, 115) }
```

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

```
.background{ background-color: rgb(95, 225,  
115) }
```

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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