

# Converting Colors

HunterLab(80.8009, 20.9916,  
-12.1850)

Have a look what the booklet for  
HunterLab(80.8009, 20.9916,  
-12.1850) contains.

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# Color

**HunterLab(80.8476, 20.9570,  
-11.9993)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5C4F3
RGB	245, 196, 243
RGB Percent	96%, 77%, 95%
CMY	0.0392, 0.2314, 0.0471
CMYK	0.00, 0.20, 0.01, 0.04
HSL	302°, 71%, 86%
HSV	302°, 20%, 96%
XYZ	73.5737, 65.3633, 93.5326
YIQ	216.0090, 14.1170, 25.0050

# Conversions

## Conversions Part 2

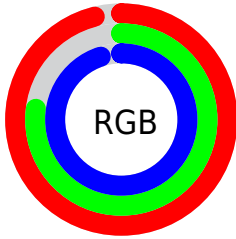
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 196, 243
Decimal	16106739
CIE Lab	84.67, 25.16, -16.55
CIE LCh	85, 30.118, 326.667
Yxy	65.3662, 0.3165, 0.2812
Android (android.graphics.Color)	4294296819 (0xFFFF5C4F3)
YUV	216.0090, 13.3066, 25.4251
Hunter-Lab	80.8476, 20.9570, -11.9993

# Details

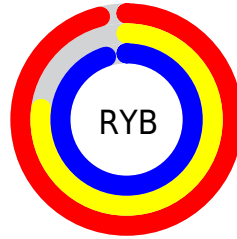
The HunterLab color  $80.8476, 20.9570, -11.9993$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $90.0665, -27.5800, 19.8435$ , and the grayscale version is  $82.8119, -4.4186, 4.4993$ .

A 20% lighter version of the original color is  $99.3633, -4.2744, 4.7000$ , and  $57.9873, 19.7494, -11.9927$  is the 20% darker color. If you saturate the color by 10%, you get  $74.2568, 34.3335, -20.7158$ , and if you desaturate by 10%, it is  $87.9754, 7.7771, -3.3356$ .

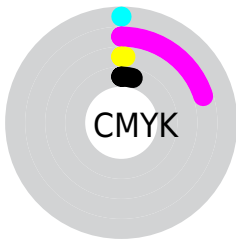
# Distribution



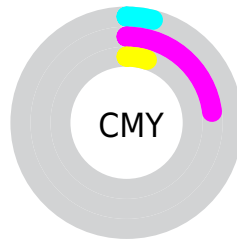
- Red (96%)
- Green (77%)
- Blue (95%)



- Red (96%)
- Yellow (77%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.8476, 20.9570, -11.9993 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 80.8476, 20.9570, -11.9993 by changing the saturation by 10% instead.



80.8476, 20.9570,  
-11.9993

80.8476, 20.9570,  
-11.9993

210.7384, 22.6001,  
-10.1273

69.1072, 20.4446,  
-11.9600

106.1019, 21.7428,  
-11.9048

57.9960, 19.8465,  
-11.8611

119.5604, 22.0333,  
-11.7814

47.5538, 19.1504,  
-11.6964

133.5442, 22.2616,  
-11.6107

37.8265, 18.3442,  
-11.4616

148.0343, 22.4320,  
-11.3951

28.8713, 17.4128,  
-11.1537

163.0135, 22.5480,  
-11.1370

20.7614, 16.3396,  
-10.7752


178.4665, 22.6129,

13.5965, 15.1112,


-10.8385


-10.3487

194.3791, 22.6294,  
-10.5014


 7.1919, 15.5712,  
-10.9173


0.0000, INF, -NF

 80.8476, 20.9570,  
-11.9993


 80.8476, 20.9570,  
-11.9993


 74.2568, 34.3335,  
-20.7158


 87.9754, 7.7771,  
-3.3356


 68.2881, 47.7046,  
-29.3400

 95.5582, -5.1009,  
5.1933

 63.0456, 60.6987,  
-37.6166

 98.7860, -10.1580,  
8.3632

 58.6353, 72.7511,  
-45.1688

 98.8171, -9.9857,  
7.9177

■ 55.1520, 83.1268,  
-51.5182

■ 98.8485, -9.8126,  
7.4700

■ 52.6537, 91.0597,  
-56.1795

■ 98.8800, -9.6387,  
7.0203

■ 51.1303, 96.0172,  
-58.8335

■ 98.9116, -9.4640,  
6.5684

■ 50.4093, 98.2254,  
-59.6618

■ 98.9434, -9.2885,  
6.1144

■ 50.4092, 98.2257,  
-59.6618

■ 98.9754, -9.1121,  
5.6583

# Harmonies

## Analogous

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



80.8494, 8.9035, -23.8378



80.8476, 20.9570, -11.9993



80.8494, 26.2157, 2.8052

# Triad

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



80.8494, 20.9547, -11.9976



80.8494, -2.6510, 27.0971



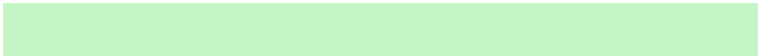
80.8494, -28.2910, -8.7671

# Complementary

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



80.8476, 20.9570, -11.9993



90.0665, -27.5800, 19.8435

# 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.



80.8494, -30.9010, 5.9646



80.8476, 20.9570, -11.9993



80.8494, -16.7414, 25.1100

# Square

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



80.8494, 20.9547, -11.9976



80.8494, 11.9824, 23.9688



80.8494, -26.8237, 17.9523



80.8494, -19.4217, -21.7487



# Rectangle

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



80.8476, 20.9570, -11.9993



80.8494, 24.9025, 11.8119



80.8494, -26.8237, 17.9523



80.8494, -29.9005, -3.7858

# Sweetspot

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



80.8494, 20.9547, -11.9976



95.1754, 2.7271, 0.0859



76.1785, 5.9108, -20.1912



43.7939, 1.6712, -0.2313

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.8494, 20.9547, -11.9976



81.7403, 27.5872, -16.2528



80.0017, 16.5538, -0.0147



40.9340, 3.2936, -1.3411



37.0060, 72.1195, -43.8824



10.9872, 21.4373, -13.2214



# Inverse Universe

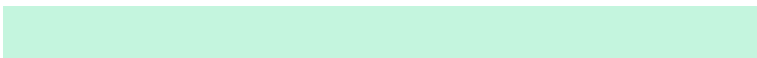
The Inverse Universe completely reimagines the original color for something new.



80.8494, 20.9547, -11.9976



81.7403, 27.5872, -16.2528



90.7323, -23.7789, 10.2708



40.9340, 3.2936, -1.3411



37.0060, 72.1195, -43.8824

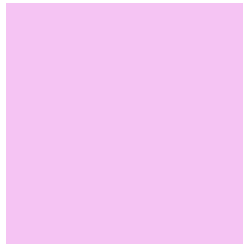


10.9872, 21.4373, -13.2214



# Previews

## White Background



This preview shows how the HunterLab color 80.8476, 20.9570, -11.9993 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

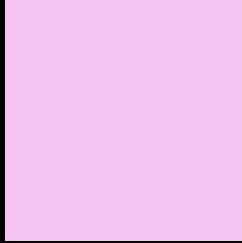
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.8476, 20.9570, -11.9993 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 80.8476, 20.9570, -11.9993 Background



This preview shows how black text looks on a background with the HunterLab color 80.8476, 20.9570, -11.9993.



This preview shows how white text looks on a background with the HunterLab color 80.8476, 20.9570, -11.9993.

-11.9993.

# 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

80.8476, 20.9570, -11.9993

### Protanopia

81.1283, 1.5808, -17.2865

### Deuteranopia

80.8696, 6.0597, -11.0750



## Tritanopia

80.8900, 11.9338, 2.4350

# Trichromacy



## Original Color

80.8476, 20.9570, -11.9993



## Protanomaly

80.8750, 8.2072, -15.7244



## Deuteranomaly

80.7130, 11.6636, -11.7687



## Tritanomaly

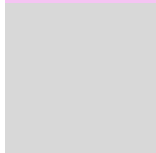
80.7559, 15.1023, -2.8002

# Monochromacy



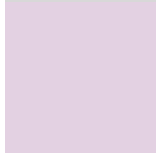
## Original Color

80.8476, 20.9570, -11.9993



## Achromatopsia

82.8665, -4.4215, 4.5023



## Achromatomaly

82.1114, 4.5775, -1.2771

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.8476, 20.9570, -11.9993 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(245, 196, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 196, 243)  
}
```

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(245, 196, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 196, 243) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.8476, 20.9570, -11.9993 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(245, 196, 243) }
```



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

```
.border{ border-color:rgb(245, 196, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 196, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 196, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 196, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 196,  
243) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.8476, 20.9570, -11.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 196, 243) }
```

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

```
.background{ background-color: rgb(245,  
196, 243) }
```

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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