

# Converting Colors

HunterLab(82.3379, 7.5099,  
20.3827)

Have a look what the booklet for  
HunterLab(82.3379, 7.5099,  
20.3827) contains.

<b>HunterLab(82.3809, 7.2703, 20.5764)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(82.3809, 7.2703,  
20.5764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBCEB2
RGB	251, 206, 178
RGB Percent	98%, 81%, 70%
CMY	0.0157, 0.1921, 0.3020
CMYK	0.00, 0.18, 0.29, 0.02
HSL	23°, 90%, 84%
HSV	23°, 29%, 98%
XYZ	69.8908, 67.8661, 51.5353
YIQ	216.2630, 35.8080, 0.8320

# Conversions

## Conversions Part 2

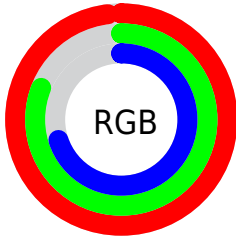
Format	Color
R <sub>Y</sub> B	251, 223, 178
Decimal	16502450
CIE Lab	85.94, 11.90, 19.90
CIE LCh	86, 23.183, 59.112
Yxy	67.8693, 0.3692, 0.3585
Android (android.graphics.Color)	4294692530 (0xFFFBCEB2)
YUV	216.2630, -18.8637, 30.4643
Hunter-Lab	82.3809, 7.2703, 20.5764

# Details

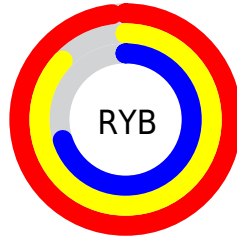
The HunterLab color **82.3809, 7.2703, 20.5764** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83.1885, -12.2022, -14.0009**, and the grayscale version is **83.0498, -4.4313, 4.5123**.

A 20% lighter version of the original color is **99.3582, -8.8632, 14.6183**, and **59.3924, 7.0306, 17.3518** is the 20% darker color. If you saturate the color by 10%, you get **77.3726, 12.3741, 24.8322**, and if you desaturate by 10%, it is **87.6305, 2.5921, 15.7726**.

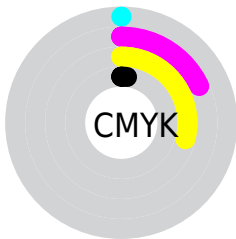
# Distribution



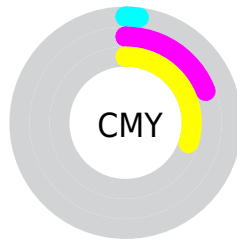
- Red (98%)
- Green (81%)
- Blue (70%)



- Red (98%)
- Yellow (87%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (2%)



- Cyan (2%)
- Magenta (19%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.3809, 7.2703, 20.5764 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 82.3809, 7.2703, 20.5764 by changing the saturation by 10% instead.



 82.3809, 7.2703,  
20.5764

 82.3809, 7.2703,  
20.5764

212.8456, 4.4408,  
34.9079

 70.5630, 7.3440,  
18.9301


 107.7799, 6.9480,  
23.8094

 59.3697, 7.3582,  
17.2506


121.3062, 6.7138,  
25.4053

 48.8403, 7.3029,  
15.5271


135.3552, 6.4342,  
26.9934

 39.0194, 7.1692,  
13.7422

149.9083, 6.1120,  
28.5770

 29.9626, 6.9450,  
11.8707

164.9485, 5.7497,  
30.1583

 21.7406, 6.6136,  
9.8729

180.4606, 5.3492,

 14.4490, 6.1508,

31.7396

7.9371

196.4305, 4.9124,  
33.3223

■ 8.1099, 6.0094,  
5.6769

0.0000, NaN, NaN

■ 82.3809, 7.2703,  
20.5764

■ 82.3809, 7.2703,  
20.5764

■ 77.3726, 12.3741,  
24.8322

■ 87.6305, 2.5921,  
15.7726

■ 72.6275, 17.9321,  
28.4508

■ 93.0914, -1.6806,  
10.4918

■ 68.1788, 23.9437,  
31.3398

■ 98.7444, -5.5842,  
4.7987

■ 64.0604, 30.3827,  
33.4037

■ 99.6239, -6.6464,  
4.9668

■ 60.3081, 37.1806,  
34.5600

■ 56.9570, 44.2097,  
34.7657

■ 54.0329, 51.2508,  
34.1195

■ 53.7851, 51.8795,  
34.0503

# Harmonies

## Analogous

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



82.3828, 15.8328, 14.0803



82.3809, 7.2703, 20.5764



82.3828, -4.0572, 22.8738

# Triad

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



82.3828, 7.2673, 20.5776



82.3828, -25.3743, 4.8097



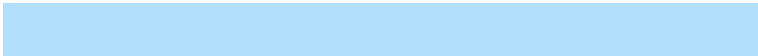
82.3828, 6.6420, -16.1024

# Complementary

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



82.3809, 7.2703, 20.5764



83.1885, -12.2022, -14.0009

# 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.



82.3828, -4.7426, -19.4556



82.3809, 7.2703, 20.5764



82.3828, -22.8512, -6.4258

# Square

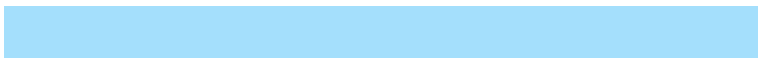
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3828, 7.2673, 20.5776



82.3828, -22.5391, 14.5730



82.3828, -15.4524, -15.6977



82.3828, 15.4581, -7.0674



# Rectangle

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



82.3809, 7.2703, 20.5764



82.3828, -11.5194, 21.9941



82.3828, -15.4524, -15.6977



82.3828, 2.9694, -17.9821

# Sweetspot

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



82.3828, 7.2673, 20.5776



94.8227, -1.7425, 10.6398



75.9469, 29.3267, -7.1987



43.4888, -0.5245, 5.2976

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.3828, 7.2673, 20.5776



80.8131, 10.4361, 23.5994



93.5501, -11.6091, 30.7470



42.7981, -0.6972, 4.9391



39.3268, 36.7284, 24.8760



12.7688, 9.1472, 8.0282

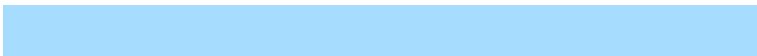


# Inverse Universe

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



83.1885, -12.2022, -14.0009



81.7843, -13.2227, -18.4228



71.9491, 6.6728, -30.7574



42.9240, -3.6989, -0.3917



40.2780, -2.0886, -45.8354



13.0674, -1.9417, -12.1416



# Previews

## White Background



This preview shows how the HunterLab color 82.3809, 7.2703, 20.5764 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

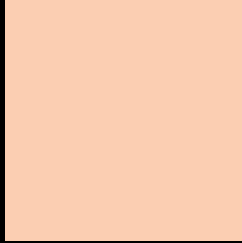
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.3809, 7.2703, 20.5764 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

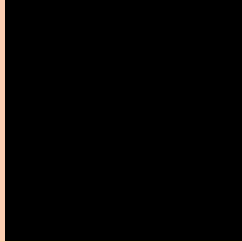
Any Text WCAG AA ✓ Pass

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 82.3809, 7.2703, 20.5764 Background



This preview shows how black text looks on a background with the HunterLab color 82.3809, 7.2703, 20.5764.



This preview shows how white text looks on a background with the HunterLab color 82.3809, 7.2703,

20.5764.

# 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

82.3809, 7.2703, 20.5764

### Protanopia

82.5512, -5.8443, 18.9798

### Deuteranopia

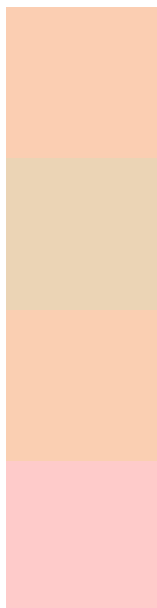
82.4498, 5.9944, 20.6219



## Tritanopia

82.4568, 17.0223, 4.3943

# Trichromacy



## Original Color

82.3809, 7.2703, 20.5764

## Protanomaly

82.5138, -1.3096, 19.4097

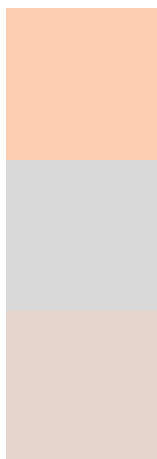
## Deuteranomaly

82.5615, 6.3685, 20.7382

## Tritanomaly

82.4906, 13.3662, 10.9027

# Monochromacy



## Original Color

82.3809, 7.2703, 20.5764

## Achromatopsia

82.8665, -4.4215, 4.5023

## Achromatomaly

82.4677, -0.3430, 10.6375

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.3809, 7.2703, 20.5764 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(251, 206, 178)` looks like.

```
.text, #text, p{  
    color:rgb(251, 206, 178)  
}
```

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(251, 206, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 206, 178) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.3809, 7.2703, 20.5764 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(251, 206, 178) }
```



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

```
.border{ border-color:rgb(251, 206, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 206, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 206, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 206, 178);  
box-shadow:4px 4px 4px 4px rgb(251, 206,  
178) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.3809, 7.2703, 20.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 206, 178) }
```

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

```
.background{ background-color: rgb(251,  
206, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor