

# Converting Colors

Hex(6FE6BB)

Have a look what the booklet for  
Hex(6FE6BB) contains.

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**Color**

**Hex(6FE6BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FE6BB
RGB	111, 230, 187
RGB Percent	44%, 90%, 73%
CMY	0.5647, 0.0980, 0.2667
CMYK	0.52, 0.00, 0.19, 0.10
HSL	158°, 70%, 67%
HSV	158°, 52%, 90%
XYZ	43.8220, 63.5610, 56.9725
YIQ	189.5170, -57.1210, -38.6010

# Conversions

## Conversions Part 2

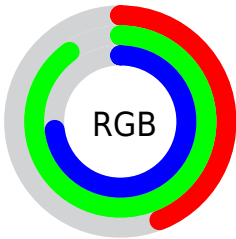
Format	Color
<a href="#">RYB</a>	<a href="#">111, 184, 230</a>
Decimal	<a href="#">7333563</a>
CIELab	<a href="#">83.74, -43.63, 10.80</a>
CIELCh	<a href="#">84, 44.948, 166.101</a>
Yxy	<a href="#">63.5610, 0.2666, 0.3867</a>
Android (android.graphics.Color)	<a href="#">4285523643</a> ( <a href="#">0xFF6FE6BB</a> )
YUV	<a href="#">189.5170, -1.2409, -68.8594</a>
Hunter-Lab	<a href="#">79.7251, -41.4041, 13.4383</a>

# Details

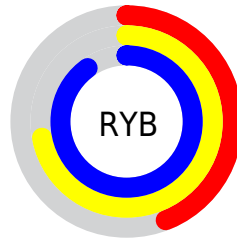
The Hex color **6FE6BB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E66F9A**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **AAFF3**, and **2FAE86** is the 20% darker color. If you saturate the color by 10%, you get **58E6B3**, and if you desaturate by 10%, it is **86E6C3**.

# Distribution



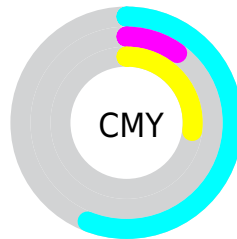
- Red (44%)
- Green (90%)
- Blue (73%)



- Red (44%)
- Yellow (72%)
- Blue (90%)



- Cyan (52%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (56%)
- Magenta (10%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FE6BB 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 Hex color 6FE6BB by changing the saturation by 10% instead.



 6FE6BB

FFFFFF

 AAFF33

 C7FFFF

 E5FFFF

 6FE6BB

 51CAA0

 2FAE86

 00936C

 007854

 005F3D

 004627

 002F13

 001600

 000000

 6FE6BB

 6FE6BB

 58E6B3

 86E6C3

 41E6AA

 9DE6CC

 2AE6A2

 B4E6D4

 13E69A

 CBE6DC

 00E693

 E2E6E5

 F9E6ED

 FFE6F5

 FFE6FD

 FFE6FF

# Harmonies

## Analogous

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



A6E095



6FE6BB



29E7E7

# Triad

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



6FE6BB



B8CFFF



FFB996

# Complementary

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



6FE6BB



E66F9A

# 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.



FFB0BB



6FE6BB



F2BDFF

# Square

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



6FE6BB



6EDBFF



FFB2E6



FEC77F

# Rectangle

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



6FE6BB



00E5FF



FFB2E6



FFB5A1

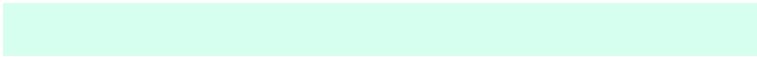


# Sweetspot

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



6FE6BB



D6FFF0



9BE66F



678077



000000



808080



# Same Dimension

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



6FE6BB



61FFC6



6FD6E6



67736F



00B372



003321



# Inverse Universe

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



E66F9A



FF619A



E67F6F



73676B



B30040

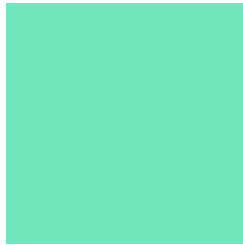


330012



# Previews

## White Background



This preview shows how the Hex color 6FE6BB looks on a white background.

## Color Contrast Check

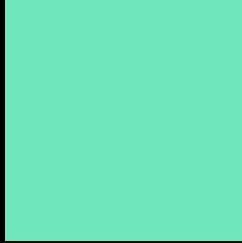
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6FE6BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

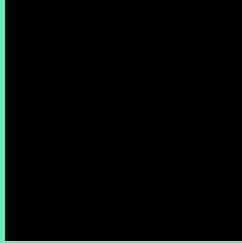
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6FE6BB Background



This preview shows how black text looks on a background with the Hex color 6FE6BB.

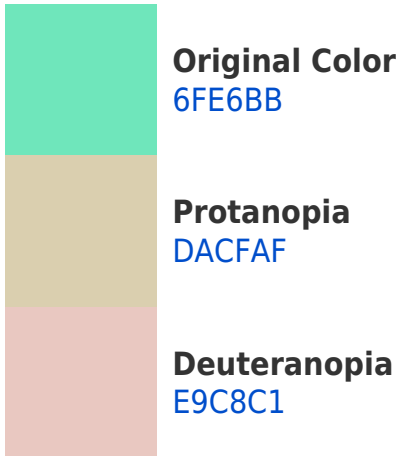


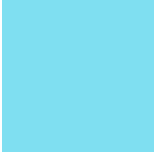
This preview shows how white text looks on a background with the Hex color 6FE6BB.

# 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





**Tritanopia**  
7FDFF1

# Trichromacy



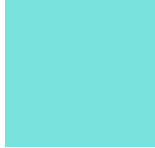
**Original Color**  
6FE6BB



**Protanomaly**  
B3D7B3



**Deuteranomaly**  
BDD3BF

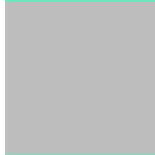


**Tritanomaly**  
79E2DD

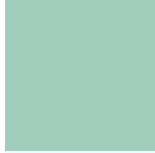
# Monochromacy



**Original Color**  
6FE6BB



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
A1CDBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FE6BB 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 #6FE6BB looks like.

```
.text, #text, p{  
    color:#6FE6BB  
}
```

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 #6FE6BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE6BB
}
```

## Border

The CSS property to change the border of an element to Hex 6FE6BB 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
#6FE6BB }
```

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

```
.border{ border-color:#6FE6BB }
```

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

Here you see how a box with a 4 pixel #6FE6BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE6BB; -webkit-box-shadow:4px 4px  
4px 4px #6FE6BB; box-shadow:4px 4px 4px  
4px #6FE6BB }
```

# Background

The CSS property to change the background color of an element to Hex 6FE6BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE6BB }
```

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

```
.background{ background-color:#6FE6BB }
```

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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