

Converting Colors

Hex(66BF97)

Have a look what the booklet for
Hex(66BF97) contains.

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Color

Hex(66BF97)

Conversions

Conversions Part 1

Format	Color
Hex	66BF97
RGB	102, 191, 151
RGB Percent	40%, 75%, 59%
CMY	0.6000, 0.2510, 0.4078
CMYK	0.47, 0.00, 0.21, 0.25
HSL	153°, 41%, 57%
HSV	153°, 47%, 75%
XYZ	29.6962, 42.3207, 35.8817
YIQ	159.8290, -40.2040, -31.3080

Conversions

Conversions Part 2

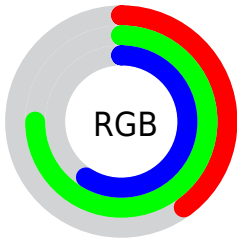
Format	Color
RYB	102, 159, 191
Decimal	6733719
CIELab	71.09, -36.11, 12.01
CIELCh	71, 38.061, 161.601
Yxy	42.3207, 0.2752, 0.3922
Android (android.graphics.Color)	4284923799 (0xFF66BF97)
YUV	159.8290, -4.3527, -50.7160
Hunter-Lab	65.0544, -32.3630, 12.8358

Details

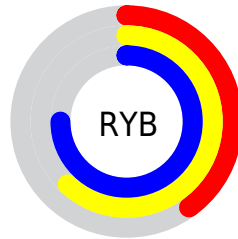
The Hex color **66BF97** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF668E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9DF8CD**, and **2D8964** is the 20% darker color. If you saturate the color by 10%, you get **53BF8E**, and if you desaturate by 10%, it is **79BFA0**.

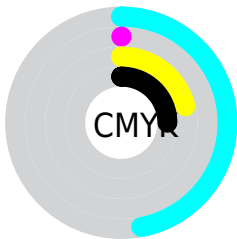
Distribution



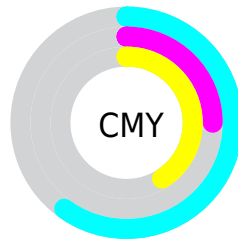
- Red (40%)
- Green (75%)
- Blue (59%)



- Red (40%)
- Yellow (62%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66BF97 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 66BF97 by changing the saturation by 10% instead.



66BF97



66BF97

FFFFFF



4AA47D



9DF8CD



2D8964



BAFFE9



036F4C



D7FFFF



005635



F4FFFF



003E20



002809



000700



000000



66BF97



66BF97

■ 53BF8E

■ 79BFA0

■ 40BF86

■ 8CBFA8

■ 2DBF7D

■ 9FBFB1

■ 1ABF75

■ B2BFB9

■ 07BF6C

■ C6BFC2

■ 00BF69

■ D9BFCB

■ ECBFD3

■ FFBFDC

■ FFBFE4

Harmonies

Analogous

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



91B979



66BF97



35C1BB

Triad

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



66BF97



92ADF2



EC9982

Complementary

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



66BF97



BF668E

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.



F293A2



66BF97



C3A0E2

Square

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



66BF97



56B8EF



E496C5



D7A56D

Rectangle

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



66BF97



19C0D1



E496C5



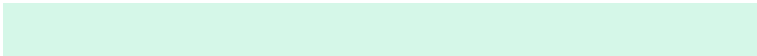
F0968B

Sweetspot

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



66BF97



D5F7E8



8EBF66



687D73



FCFCFC



7D7D7D

Same Dimension

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



66BF97



6DF7B9



66BBBF



555E5A



009E57



001F11

Inverse Universe

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



BF668E



F76DAB



BF6A66



5E5559



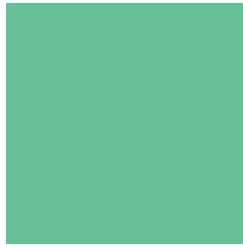
9E0047



1F000E

Previews

White Background



This preview shows how the Hex color 66BF97 looks on a white background.

Color Contrast Check

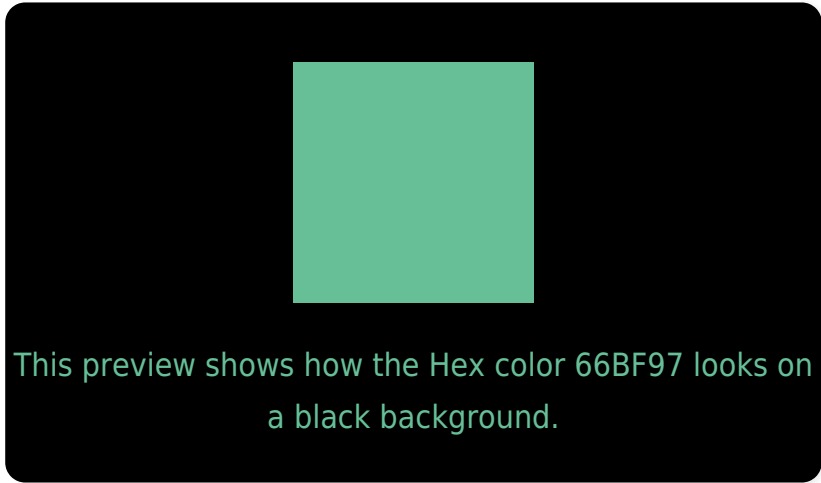
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

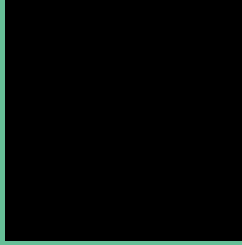
Any Text WCAG AA ✓ Pass

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 66BF97 Background



This preview shows how black text looks on a background with the Hex color 66BF97.



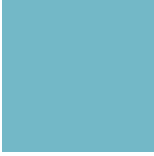
This preview shows how white text looks on a background with the Hex color 66BF97.

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



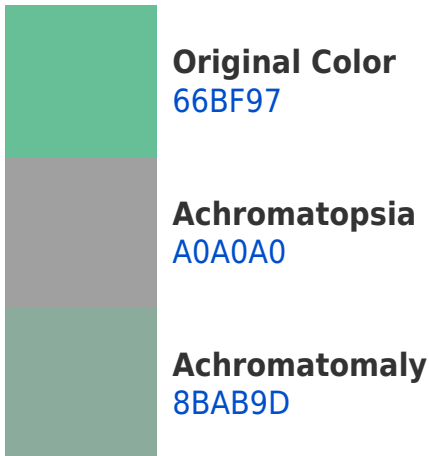


Tritanopia
73B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66BF97 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 #66BF97 looks like.

```
.text, #text, p{  
    color:#66BF97  
}
```

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 #66BF97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BF97
}
```

Border

The CSS property to change the border of an element to Hex 66BF97 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
#66BF97 }
```

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

```
.border{ border-color:#66BF97 }
```

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

Here you see how a box with a 4 pixel #66BF97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BF97; -webkit-box-shadow:4px 4px  
4px 4px #66BF97; box-shadow:4px 4px 4px  
4px #66BF97 }
```

Background

The CSS property to change the background color of an element to Hex 66BF97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BF97 }
```

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

```
.background{ background-color:#66BF97 }
```

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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