

# Converting Colors

Hex(67ABBF)

Have a look what the booklet for  
Hex(67ABBF) contains.

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# **Color**

**Hex(67ABBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67ABBF
RGB	103, 171, 191
RGB Percent	40%, 67%, 75%
CMY	0.5961, 0.3294, 0.2510
CMYK	0.46, 0.10, 0.00, 0.25
HSL	194°, 41%, 58%
HSV	194°, 46%, 75%
XYZ	29.5604, 35.7710, 54.6367
YIQ	152.9480, -46.9480, -8.1960

# Conversions

## Conversions Part 2

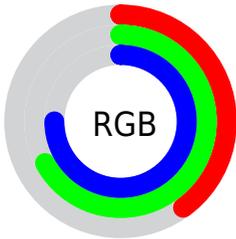
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 141, 191
Decimal	6794175
CIELab	66.34, -16.17, -16.96
CIELCh	66, 23.432, 226.356
Yxy	35.7710, 0.2464, 0.2982
Android (android.graphics.Color)	4284984255 (0xFF67ABBF)
YUV	152.9480, 18.7596, -43.8044
Hunter-Lab	59.8088, -16.4422, -12.2965

# Details

The Hex color **67ABBF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BF7B67**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9FE2F7**, and **2E778A** is the 20% darker color. If you saturate the color by 10%, you get **54A7BF**, and if you desaturate by 10%, it is **7AAFBF**.

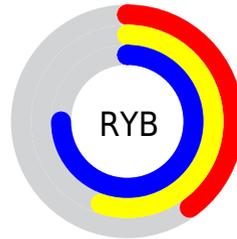
# Distribution



Red (40%)

Green (67%)

Blue (75%)



Red (40%)

Yellow (55%)

Blue (75%)

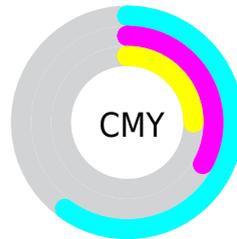


Cyan (46%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (60%)

Magenta (33%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67ABBF 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 67ABBF by changing the saturation by 10% instead.

67ABBF

67ABBF

FFFFFF

4B90A4

9FE2F7

2E778A

BBFFFF

055E70

D8FFFF

004658

F5FFFF

003040

001C2A

000116

000000

67ABBF

67ABBF

■ 54A7BF

■ 7AAFBF

■ 41A2BF

■ 8DB4BF

■ 2E9EBF

■ A0B8BF

■ 1B9ABF

■ B3BCBF

■ 0795BF

■ C7C1BF

■ 0094BF

■ DAC5BF

■ EDC9BF

■ FFCEBF

■ FFD2BF

# Harmonies

## Analogous

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



66ADAC



67ABBF



7BA6CA

# Triad

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



67ABBF



C593AC



A5A479

# Complementary

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



67ABBF



BF7B67

# 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.



BA9D79



67ABBF



CC9296

# Square

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



67ABBF



B398BE



C89684



8DA984

# Rectangle

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



67ABBF



8EA2CB



C89684



ACA177

# Sweetspot

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



67ABBF



D5EFF7



67BF7A



68787D



FCFCFC



7D7D7D



# Same Dimension

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



67ABBF



6FD8F7



6780BF



555C5E



007A9E



00181F



# Inverse Universe

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



BF67AB



F76FD8



BFA667



5E555C



9E007A



1F0018



# Previews

## White Background



This preview shows how the Hex color 67ABBF looks on a white background.

## Color Contrast Check

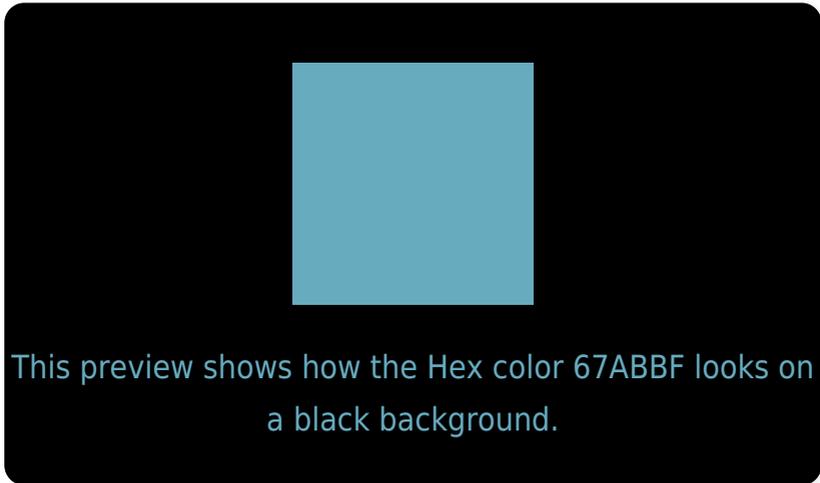
Large Text (above 18pt) WCAG AA × Fail

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

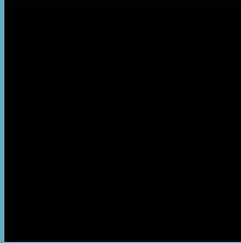
Any Text WCAG AA ✓ Pass

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 67ABBF Background



This preview shows how black text looks on a background with the Hex color 67ABBF.



This preview shows how white text looks on a background with the Hex color 67ABBF.

# Color Blindness Simulation

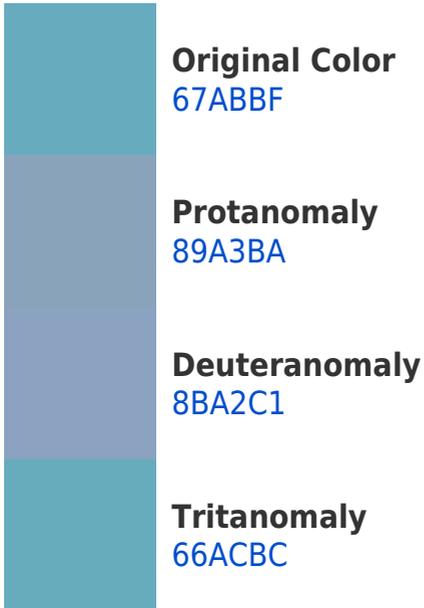
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67ABBF 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 #67ABBF looks like.

```
.text, #text, p{  
    color:#67ABBF  
}
```

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 #67ABBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67ABBF  
}
```

## Border

The CSS property to change the border of an element to Hex 67ABBF 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  
#67ABBF }
```

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

```
.border{ border-color:#67ABBF }
```

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

Here you see how a box with a 4 pixel #67ABBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67ABBF; -webkit-box-shadow:4px 4px  
4px 4px #67ABBF; box-shadow:4px 4px 4px  
4px #67ABBF }
```

# Background

The CSS property to change the background color of an element to Hex 67ABBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67ABBF }
```

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

```
.background{ background-color:#67ABBF }
```

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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