

# Converting Colors

Hex(67A6B1)

Have a look what the booklet for  
Hex(67A6B1) contains.

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# Color

**Hex(67A6B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67A6B1
RGB	103, 166, 177
RGB Percent	40%, 65%, 69%
CMY	0.5961, 0.3490, 0.3059
CMYK	0.42, 0.06, 0.00, 0.31
HSL	189°, 32%, 55%
HSV	189°, 42%, 69%
XYZ	27.1655, 33.3303, 46.5966
YIQ	148.4170, -41.0790, -9.9350

# Conversions

## Conversions Part 2

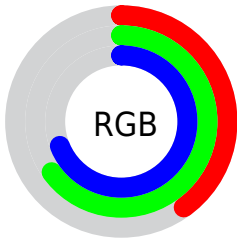
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 137, 177
Decimal	6792881
CIELab	64.43, -17.32, -12.05
CIElCh	64, 21.095, 214.831
Yxy	33.3303, 0.2537, 0.3112
Android (android.graphics.Color)	4284982961 (0xFF67A6B1)
YUV	148.4170, 14.0914, -39.8307
Hunter-Lab	57.7324, -17.0399, -7.4410

# Details

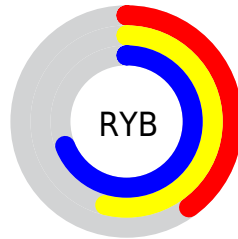
The Hex color **67A6B1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B17267**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9EDDE9**, and **31727C** is the 20% darker color. If you saturate the color by 10%, you get **55A3B1**, and if you desaturate by 10%, it is **79A9B1**.

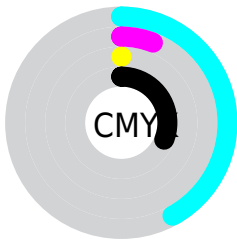
# Distribution



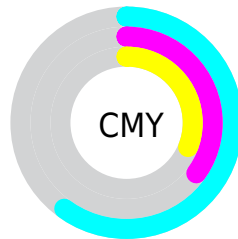
- Red (40%)
- Green (65%)
- Blue (69%)



- Red (40%)
- Yellow (54%)
- Blue (69%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (35%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67A6B1 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 67A6B1 by changing the saturation by 10% instead.




 67A6B1

 67A6B1

FFFFFF

 4C8C96

 9EDDE9

 31727C

 BAF AFF

 105964

 D6FFFF

 00424C

 F3FFFF

 002B35

 001820

 000006

 000000

 67A6B1

 67A6B1

■ 55A3B1

■ 79A9B1

■ 44A1B1

■ 8AABB1

■ 329EB1

■ 9CAEB1

■ 209BB1

■ AEB1B1

■ 0E99B1

■ C0B3B1

■ 0097B1

■ D1B6B1

■ E3B8B1

■ F5BBB1

■ FFEBB1

# Harmonies

## Analogous

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



6CA79F



67A6B1



73A2BE

# Triad

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



67A6B1



B791AD



A79C77

# Complementary

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



67A6B1



B17267

# 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.



**B8967B**



**67A6B1**



**C28F9A**

# Square

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



67A6B1



A396BB



C29188



93A27D

# Rectangle

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



67A6B1



819FC1



C29188



AE9A77



# Sweetspot

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



67A6B1



C8E1E6



67B171



607073



F2F2F2



737373



# Same Dimension

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



67A6B1



73D4E6



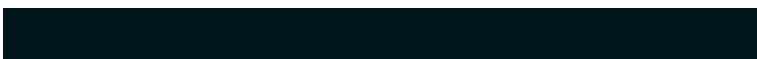
6782B1



505859



008299



00161A



# Inverse Universe

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



B167A6



E673D4



B19667



595058



990082

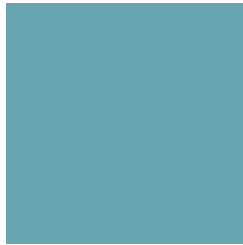


1A0016



# Previews

## White Background



This preview shows how the Hex color 67A6B1 looks on a white background.

## Color Contrast Check

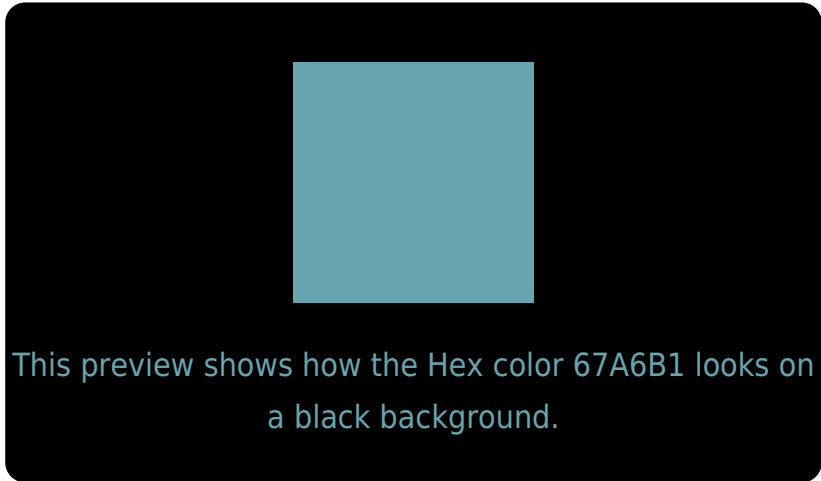
Large Text (above 18pt) WCAG AA × Fail

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

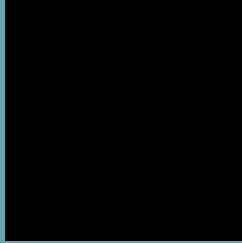
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67A6B1 Background



This preview shows how black text looks on a background with the Hex color 67A6B1.

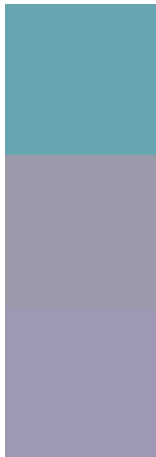


This preview shows how white text looks on a background with the Hex color 67A6B1.

# 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](#).

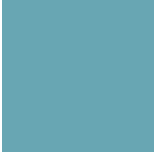
## Dichromacy



**Original Color**  
67A6B1

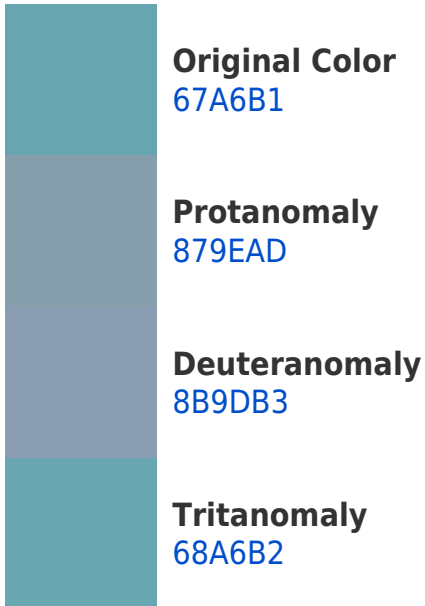
**Protanopia**  
9A9AAA

**Deuteranopia**  
9F98B4

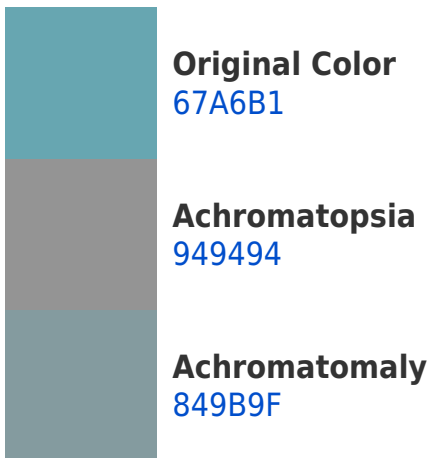


**Tritanopia**  
68A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67A6B1 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 #67A6B1 looks like.

```
.text, #text, p{  
    color:#67A6B1  
}
```

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 #67A6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A6B1
}
```

## Border

The CSS property to change the border of an element to Hex 67A6B1 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
#67A6B1 }
```

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

```
.border{ border-color:#67A6B1 }
```

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

Here you see how a box with a 4 pixel #67A6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A6B1; -webkit-box-shadow:4px 4px  
4px 4px #67A6B1; box-shadow:4px 4px 4px  
4px #67A6B1 }
```

# Background

The CSS property to change the background color of an element to Hex 67A6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A6B1 }
```

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

```
.background{ background-color:#67A6B1 }
```

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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