

# Converting Colors

Hex(6BB3C1)

Have a look what the booklet for  
Hex(6BB3C1) contains.

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# **Color**

**Hex(6BB3C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BB3C1
RGB	107, 179, 193
RGB Percent	42%, 70%, 76%
CMY	0.5804, 0.2980, 0.2431
CMYK	0.45, 0.07, 0.00, 0.24
HSL	190°, 41%, 59%
HSV	190°, 45%, 76%
XYZ	31.8091, 39.2163, 56.3451
YIQ	159.0680, -47.4060, -10.9100

# Conversions

## Conversions Part 2

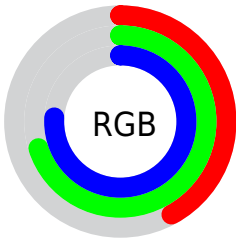
Format	Color
<a href="#">RYB</a>	<a href="#">107, 146, 193</a>
Decimal	<a href="#">7058369</a>
CIELab	<a href="#">68.91, -18.84, -14.18</a>
CIELCh	<a href="#">69, 23.577, 216.963</a>
Yxy	<a href="#">39.2163, 0.2497, 0.3079</a>
Android (android.graphics.Color)	<a href="#">4285248449</a> ( <a href="#">0xFF6BB3C1</a> )
YUV	<a href="#">159.0680, 16.7285, -45.6636</a>
Hunter-Lab	<a href="#">62.6229, -18.9214, -9.5103</a>

# Details

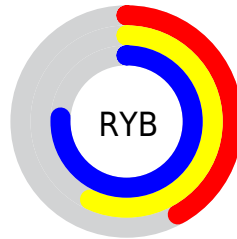
The Hex color **6BB3C1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C1796B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A3EBF9**, and **327E8B** is the 20% darker color. If you saturate the color by 10%, you get **58B0C1**, and if you desaturate by 10%, it is **7EB6C1**.

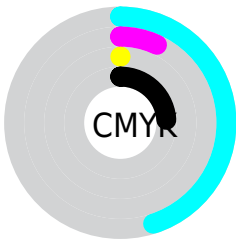
# Distribution



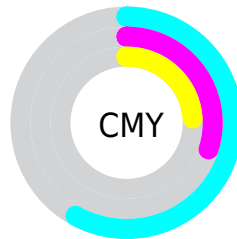
- Red (42%)
- Green (70%)
- Blue (76%)



- Red (42%)
- Yellow (57%)
- Blue (76%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (58%)
- Magenta (30%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BB3C1 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 6BB3C1 by changing the saturation by 10% instead.



6BB3C1

6BB3C1

FFFFFF

4F98A6

A3EBF9

327E8B

BFFFFFF

0D6572

DCFFFF

004D59

F9FFFF

003642

00212C

000118

000000

6BB3C1

6BB3C1

■ 58B0C1

■ 7EB6C1

■ 44ADC1

■ 92B9C1

■ 31AAC1

■ A5BCC1

■ 1EA6C1

■ B8C0C1

■ 0BA3C1

■ CBC3C1

■ 00A2C1

■ DFC6C1

■ F2C9C1

■ FFCCC1

■ FFCFC1

# Harmonies

## Analogous

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



70B4AD



6BB3C1



7AAFCF

# Triad

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



6BB3C1



C89BB9



B3A87E

# Complementary

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



6BB3C1



C1796B

# 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.



C6A181



6BB3C1



D399A4

# Square

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



6BB3C1



B2A1CA



D29B8F



9BAF86

# Rectangle

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



6BB3C1



8BABD2



D29B8F



BAA67E

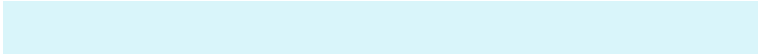


# Sweetspot

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



6BB3C1



D9F5FA



6BC178



697A7D



FCFCFC



7D7D7D



# Same Dimension

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



6BB3C1



75E4FA



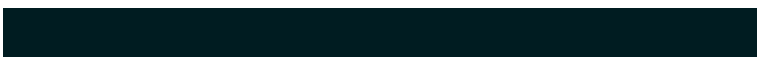
6B89C1



575F61



0086A1



001C21



# Inverse Universe

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



C16BB3



FA75E4



C1A36B



61575F



A10086

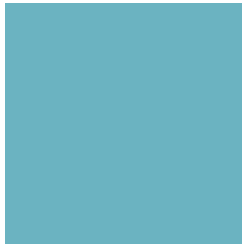


21001C



# Previews

## White Background



This preview shows how the Hex color 6BB3C1 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 6BB3C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

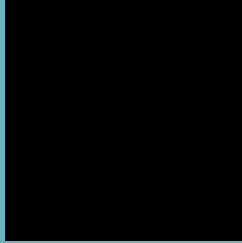
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BB3C1 Background



This preview shows how black text looks on a background with the Hex color 6BB3C1.

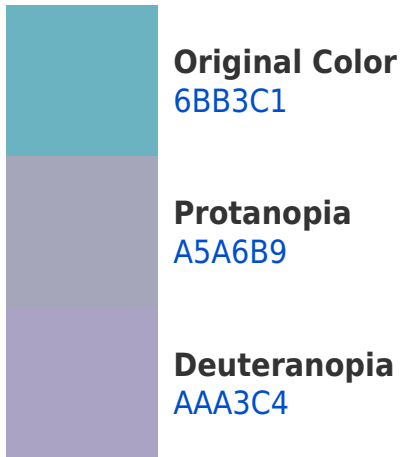


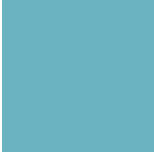
This preview shows how white text looks on a background with the Hex color 6BB3C1.

# 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](#).

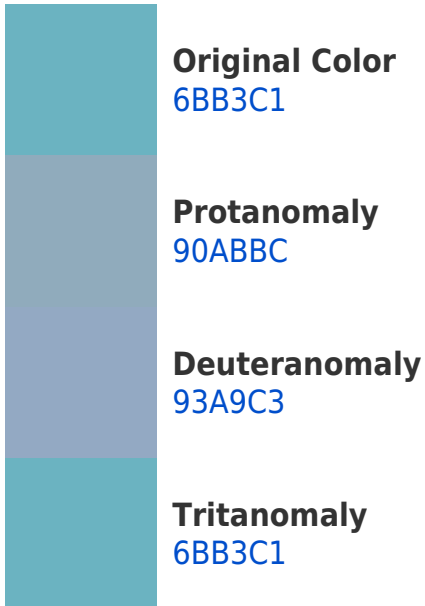
## Dichromacy



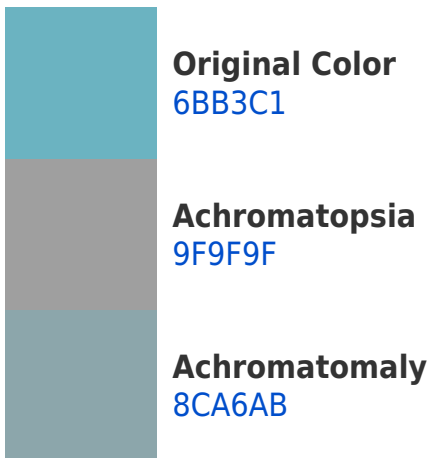


**Tritanopia**  
6BB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BB3C1 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 #6BB3C1 looks like.

```
.text, #text, p{  
    color:#6BB3C1  
}
```

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 #6BB3C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB3C1
}
```

## Border

The CSS property to change the border of an element to Hex 6BB3C1 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
#6BB3C1 }
```

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

```
.border{ border-color:#6BB3C1 }
```

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

Here you see how a box with a 4 pixel #6BB3C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB3C1; -webkit-box-shadow:4px 4px  
4px 4px #6BB3C1; box-shadow:4px 4px 4px  
4px #6BB3C1 }
```

# Background

The CSS property to change the background color of an element to Hex 6BB3C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB3C1 }
```

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

```
.background{ background-color:#6BB3C1 }
```

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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