

# Converting Colors

Hex(6BBDA8)

Have a look what the booklet for  
Hex(6BBDA8) contains.

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# Color

**Hex(6BBDA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BBDA8
RGB	107, 189, 168
RGB Percent	42%, 74%, 66%
CMY	0.5804, 0.2588, 0.3412
CMYK	0.43, 0.00, 0.11, 0.26
HSL	165°, 38%, 58%
HSV	165°, 43%, 74%
XYZ	31.3289, 42.3481, 43.5686
YIQ	162.0880, -42.1310, -23.9150

# Conversions

## Conversions Part 2

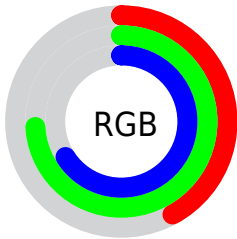
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 154, 189
Decimal	7060904
CIELab	71.11, -30.09, 2.81
CIElCh	71, 30.220, 174.662
Yxy	42.3481, 0.2672, 0.3612
Android (android.graphics.Color)	4285250984 (0xFF6BBDA8)
YUV	162.0880, 2.9146, -48.3122
Hunter-Lab	65.0755, -27.9479, 5.8576

# Details

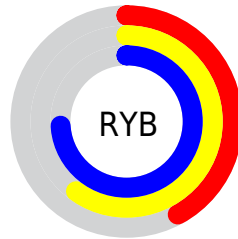
The Hex color **6BBDA8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD6B80**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A2F6DF**, and **338774** is the 20% darker color. If you saturate the color by 10%, you get **58BDA3**, and if you desaturate by 10%, it is **7EBDAD**.

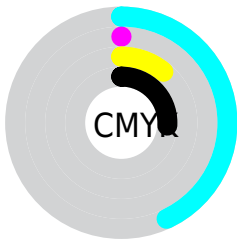
# Distribution



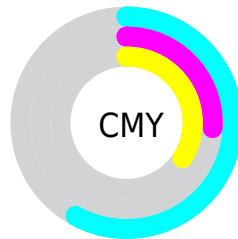
- Red (42%)
- Green (74%)
- Blue (66%)



- Red (42%)
- Yellow (60%)
- Blue (74%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (26%)



- Cyan (58%)
- Magenta (26%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BBDA8 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 6BBDA8 by changing the saturation by 10% instead.



 6BBDA8

 6BBDA8


FFFFFF

 50A28E

 A2F6DF

 338774

 BFFFFC

 116E5C

 DBFFFF

 005544

 F9FFFF

 003D2E

 002719

 000800

 000000

 6BBDA8

 6BBDA8

 58BDA3

 7EBDAD

 45BD9E

 91BDB2

 32BD99

 A4BDB7

 1FBD95

 B7BDBB

 0CBD90

 CABDC0

 00BD8D

 DCBDC5

 EFBDC A

 FFBDC F

 FFBDD 4

# Harmonies

## Analogous

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



8ABA8D



6BBDA8



57BDC4

# Triad

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



6BBDA8



ABA9E0



DBA182

# Complementary

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



6BBDA8



BD6B80

# 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.



E59B98



6BBDA8



CD9FCE

# Square

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



6BBDA8



83B2E4



E19AB4



C6AB77

# Rectangle

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



6BBDA8



59BBD4



E19AB4



E09F89



# Sweetspot

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



6BBDA8



D5F5ED



81BD6B



677A75



FAFAFA



7A7A7A



# Same Dimension

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



6BBDA8



76F5D4



6BAABD



555E5C



009E76



001F17



# Inverse Universe

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



BD6B80



F57696



BD7E6B



5E5557



9E0028

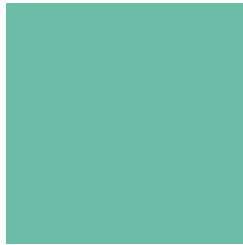


1F0008



# Previews

## White Background



This preview shows how the Hex color 6BBDA8 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 6BBDA8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

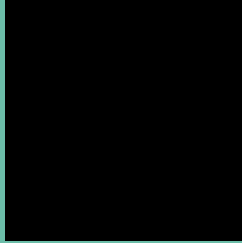
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BBDA8 Background



This preview shows how black text looks on a background with the Hex color 6BBDA8.

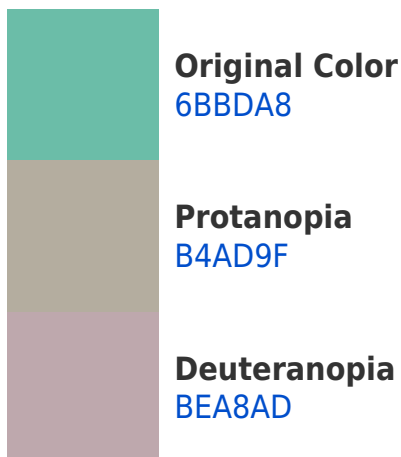


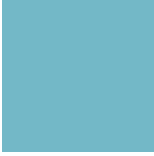
This preview shows how white text looks on a background with the Hex color 6BBDA8.

# 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](#).

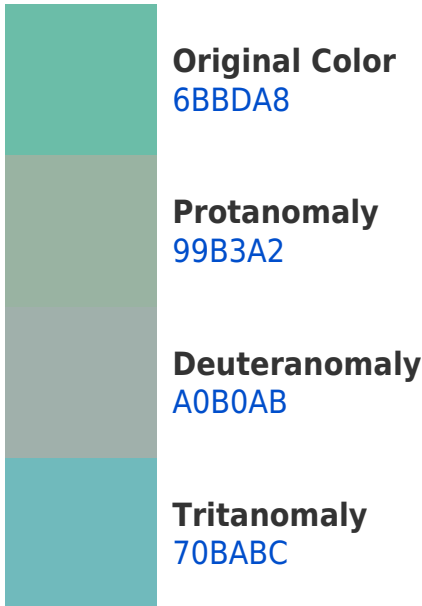
## Dichromacy



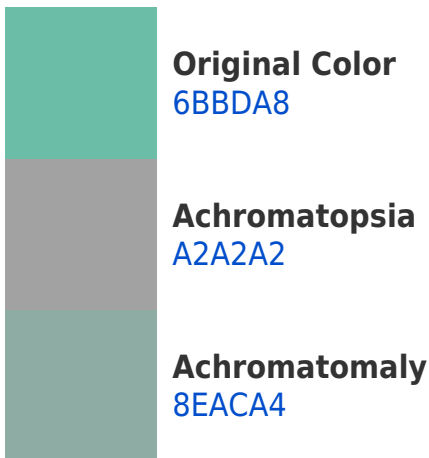


**Tritanopia**  
73B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BBDA8 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 #6BBDA8 looks like.

```
.text, #text, p{  
    color:#6BBDA8  
}
```

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 #6BBDA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBDA8
}
```

## Border

The CSS property to change the border of an element to Hex 6BBDA8 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
#6BBDA8 }
```

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

```
.border{ border-color:#6BBDA8 }
```

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

Here you see how a box with a 4 pixel #6BBDA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBDA8; -webkit-box-shadow:4px 4px  
4px 4px #6BBDA8; box-shadow:4px 4px 4px  
4px #6BBDA8 }
```

# Background

The CSS property to change the background color of an element to Hex 6BBDA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBDA8 }
```

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

```
.background{ background-color:#6BBDA8 }
```

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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