

Converting Colors

Hex(6BB7DA)

Have a look what the booklet for
Hex(6BB7DA) contains.

Hex(6BB7DA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6BB7DA)

Conversions

Conversions Part 1

Format	Color
Hex	6BB7DA
RGB	107, 183, 218
RGB Percent	42%, 72%, 85%
CMY	0.5804, 0.2824, 0.1451
CMYK	0.51, 0.16, 0.00, 0.15
HSL	199°, 60%, 64%
HSV	199°, 51%, 85%
XYZ	35.6518, 42.0547, 72.5680
YIQ	164.2660, -56.5310, -5.2270

Conversions

Conversions Part 2

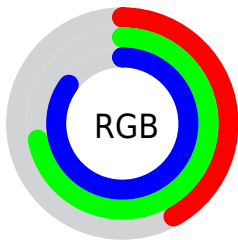
Format	Color
R _{YB}	107, 152, 218
Decimal	7059418
CIE Lab	70.91, -14.01, -24.86
CIE LCh	71, 28.535, 240.588
Yxy	42.0547, 0.2372, 0.2799
Android (android.graphics.Color)	4285249498 (0xFF6BB7DA)
YUV	164.2660, 26.4909, -50.2223
Hunter-Lab	64.8496, -15.3545, -20.9519

Details

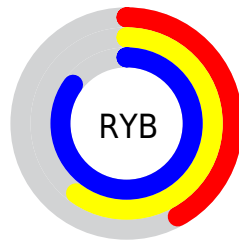
The Hex color **6BB7DA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DA8E6B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A4EFFF**, and **2E82A3** is the 20% darker color. If you saturate the color by 10%, you get **55B0DA**, and if you desaturate by 10%, it is **81BEDA**.

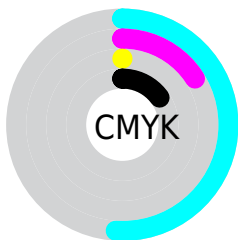
Distribution



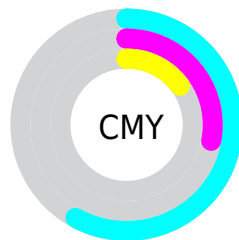
- Red (42%)
- Green (72%)
- Blue (85%)



- Red (42%)
- Yellow (60%)
- Blue (85%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB7DA 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 6BB7DA by changing the saturation by 10% instead.

 6BB7DA

 6BB7DA

FFFFFF

 4E9CBE

 A4EFFF

 2E82A3

 C1FFFF

 006989

 DFFFFF

 00516F

FDFFFF

 003A57

 00243F

 000929

 000114

 000000

■ 6BB7DA

■ 6BB7DA

■ 55B0DA

■ 81BEDA

■ 3FA9DA

■ 97C5DA

■ 2AA2DA

■ ACCCDA

■ 149CDA

■ C2D2DA

■ 0095DA

■ D8D9DA

■ EEE0DA

■ FFE7DA

■ FFEEDA

■ FFF5DA

Harmonies

Analogous

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



5DBBC7



6BB7DA



8DB0E1

Triad

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



6BB7DA



DF9AAE



A4B480

Complementary

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



6BB7DA



DA8E6B

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.



C0AC7A



6BB7DA



E19C94

Square

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



6BB7DA



CF9EC7



D5A381



86B993

Rectangle

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



6BB7DA



A6AADE



D5A381



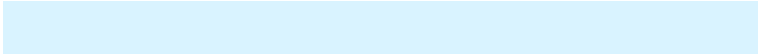
AEB17C

Sweetspot

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



6BB7DA



D9F3FF



6BDA8C



697880



000000



808080

Same Dimension

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



6BB7DA



63CEFF



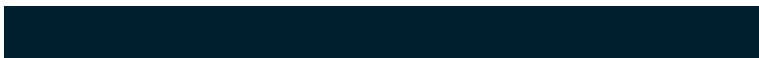
6B81DA



636A6E



0077AD



001F2E

Inverse Universe

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



DA6BB7



FF63CE



DAC46B



6E636A



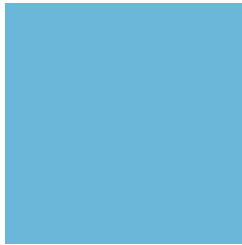
AD0077



2E001F

Previews

White Background



This preview shows how the Hex color 6BB7DA looks on a white background.

Color Contrast Check

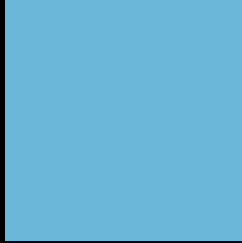
Large Text (above 18pt) WCAG AA × Fail

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 6BB7DA 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 6BB7DA Background



This preview shows how black text looks on a background with the Hex color 6BB7DA.

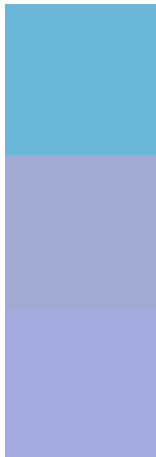


This preview shows how white text looks on a background with the Hex color 6BB7DA.

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](#).

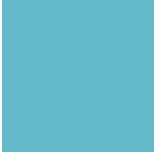
Dichromacy



Original Color
6BB7DA

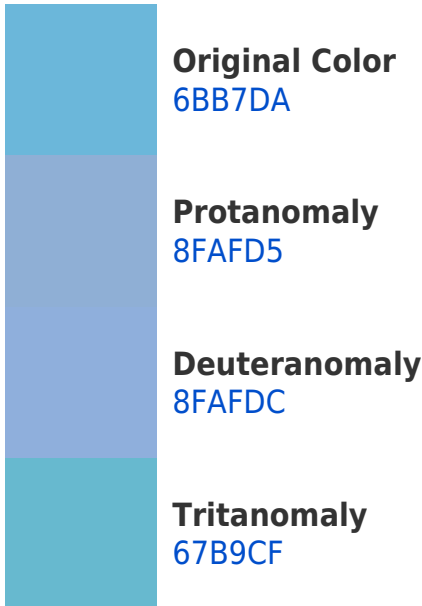
Protanopia
A4ABD2

Deuteranopia
A4AADD

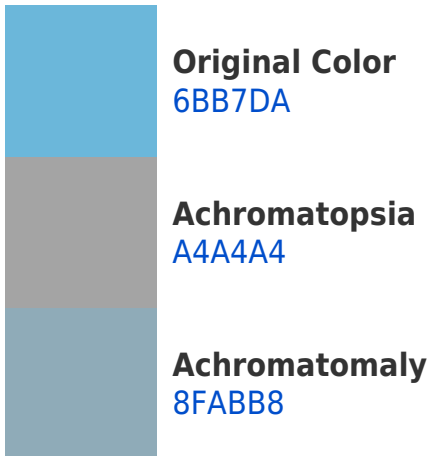


Tritanopia
65BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB7DA 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 #6BB7DA looks like.

```
.text, #text, p{  
    color:#6BB7DA  
}
```

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 #6BB7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB7DA  
}
```

Border

The CSS property to change the border of an element to Hex 6BB7DA 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  
#6BB7DA }
```

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

```
.border{ border-color:#6BB7DA }
```

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

Here you see how a box with a 4 pixel #6BB7DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB7DA; -webkit-box-shadow:4px 4px  
4px 4px #6BB7DA; box-shadow:4px 4px 4px  
4px #6BB7DA }
```

Background

The CSS property to change the background color of an element to Hex 6BB7DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB7DA }
```

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

```
.background{ background-color:#6BB7DA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor