

Converting Colors

Hex(6BA7C3)

Have a look what the booklet for
Hex(6BA7C3) contains.

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Color

Hex(6BA7C3)

Conversions

Conversions Part 1

Format	Color
Hex	6BA7C3
RGB	107, 167, 195
RGB Percent	42%, 65%, 76%
CMY	0.5804, 0.3451, 0.2353
CMYK	0.45, 0.14, 0.00, 0.24
HSL	199°, 42%, 59%
HSV	199°, 45%, 76%
XYZ	29.7324, 34.7034, 56.7611
YIQ	152.2520, -44.7480, -4.0120

Conversions

Conversions Part 2

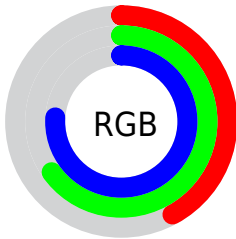
Format	Color
RYB	107, 143, 195
Decimal	7055299
CIELab	65.52, -11.95, -20.42
CIELCh	66, 23.656, 239.661
Yxy	34.7034, 0.2453, 0.2863
Android (android.graphics.Color)	4285245379 (0xFF6BA7C3)
YUV	152.2520, 21.0748, -39.6860
Hunter-Lab	58.9096, -13.0004, -15.8910

Details

The Hex color **6BA7C3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C3876B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A2DEFC**, and **33738D** is the 20% darker color. If you saturate the color by 10%, you get **58A1C3**, and if you desaturate by 10%, it is **7FADC3**.

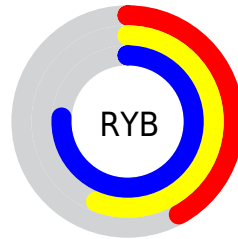
Distribution



Red (42%)

Green (65%)

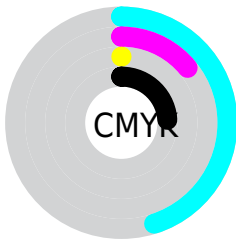
Blue (76%)



Red (42%)

Yellow (56%)

Blue (76%)

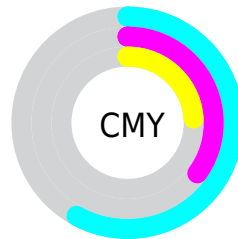


Cyan (45%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (58%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA7C3 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 6BA7C3 by changing the saturation by 10% instead.



6BA7C3



6BA7C3

FFFFFF



508DA8



A2DEFC



33738D



BFFBFF



115A74



DBFFFF



00435B



F9FFFF



002D43



00192D



000118



000000



6BA7C3



6BA7C3

■ 58A1C3

■ 7FADC3

■ 449BC3

■ 92B3C3

■ 3194C3

■ A6BAC3

■ 1D8EC3

■ B9C0C3

■ 0A88C3

■ CDC6C3

■ 0085C3

■ E0CCC3

■ F3D2C3

■ FFD9C3

■ FFDFC3

Harmonies

Analogous

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



61AAB3



6BA7C3



85A1C9

Triad

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



6BA7C3



C890A0



98A47A

Complementary

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



6BA7C3



C3876B

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.



AF9E75



6BA7C3



CA918B

Square

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



6BA7C3



BA93B5



C1977B



80A989

Rectangle

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



6BA7C3



999CC7



C1977B



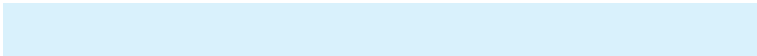
A0A277

Sweetspot

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



6BA7C3



D9F1FC



6BC387



6A7980



000000



808080

Same Dimension

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



6BA7C3



74D1FC



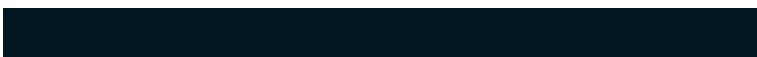
6B7BC3



575E61



006EA1



001721

Inverse Universe

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



C36BA7



FC74D1



C3B36B



61575E



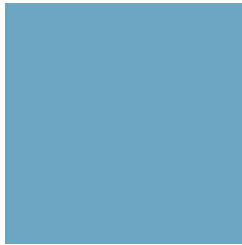
A1006E



210017

Previews

White Background



This preview shows how the Hex color 6BA7C3 looks on a white background.

Color Contrast Check

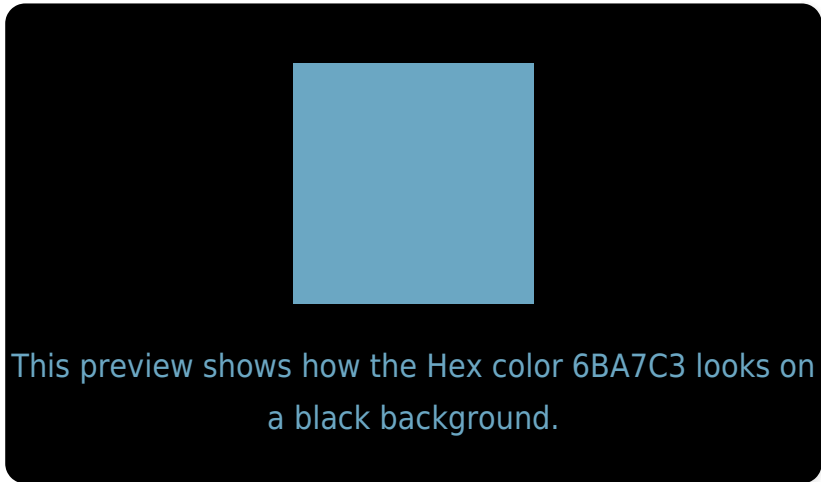
Large Text (above 18pt) WCAG AA × Fail

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

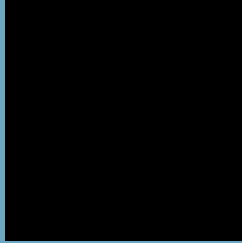
Any Text WCAG AA ✓ Pass

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 6BA7C3 Background



This preview shows how black text looks on a background with the Hex color 6BA7C3.



This preview shows how white text looks on a background with the Hex color 6BA7C3.

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](#).

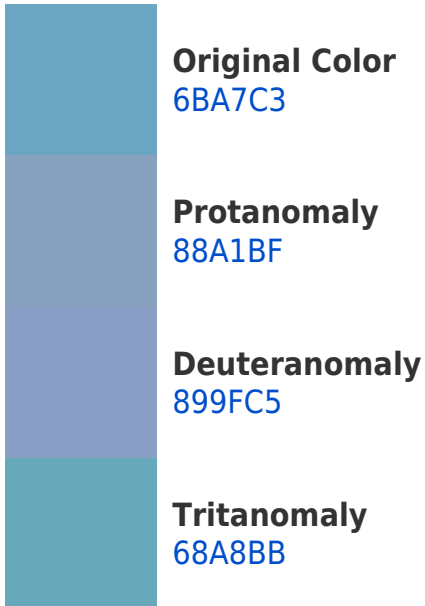
Dichromacy



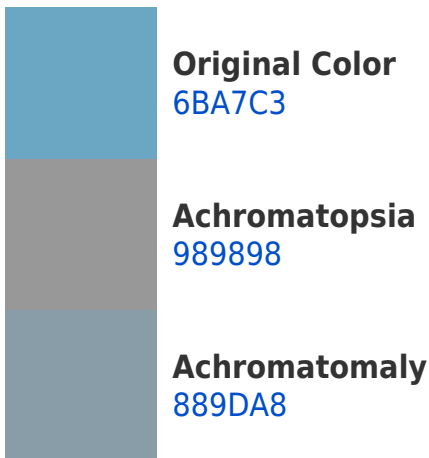


Tritanopia
67A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA7C3 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 #6BA7C3 looks like.

```
.text, #text, p{  
    color:#6BA7C3  
}
```

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 #6BA7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA7C3
}
```

Border

The CSS property to change the border of an element to Hex 6BA7C3 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
#6BA7C3 }
```

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

```
.border{ border-color:#6BA7C3 }
```

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

Here you see how a box with a 4 pixel #6BA7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA7C3; -webkit-box-shadow:4px 4px  
4px 4px #6BA7C3; box-shadow:4px 4px 4px  
4px #6BA7C3 }
```

Background

The CSS property to change the background color of an element to Hex 6BA7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA7C3 }
```

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

```
.background{ background-color:#6BA7C3 }
```

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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