

# Converting Colors

Hex(6BA0BA)

Have a look what the booklet for  
Hex(6BA0BA) contains.

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# **Color**

**Hex(6BA0BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BA0BA
RGB	107, 160, 186
RGB Percent	42%, 63%, 73%
CMY	0.5804, 0.3725, 0.2706
CMYK	0.42, 0.14, 0.00, 0.27
HSL	200°, 36%, 57%
HSV	200°, 42%, 73%
XYZ	27.4971, 31.8126, 51.1456
YIQ	147.1170, -39.9340, -3.1500

# Conversions

## Conversions Part 2

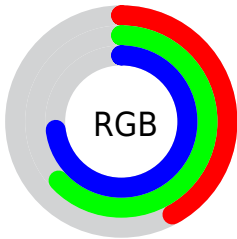
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 139, 186
Decimal	7053498
CIELab	63.19, -10.64, -18.94
CIELCh	63, 21.722, 240.679
Yxy	31.8126, 0.2489, 0.2880
Android (android.graphics.Color)	4285243578 (0xFF6BA0BA)
YUV	147.1170, 19.1693, -35.1826
Hunter-Lab	56.4026, -11.6832, -14.2819

# Details

The Hex color **6BA0BA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BA856B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A2D7F2**, and **356D85** is the 20% darker color. If you saturate the color by 10%, you get **589ABA**, and if you desaturate by 10%, it is **7EA6BA**.

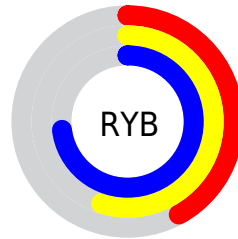
# Distribution



Red (42%)

Green (63%)

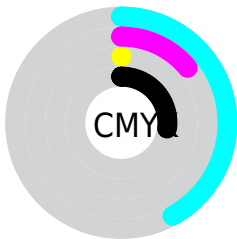
Blue (73%)



Red (42%)

Yellow (55%)

Blue (73%)

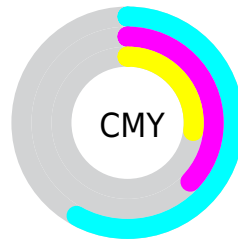


Cyan (42%)

Magenta (14%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (37%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA0BA 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 6BA0BA by changing the saturation by 10% instead.



 6BA0BA

 6BA0BA

FFFFFF

 50869F

 A2D7F2

 356D85

 BEF3FF

 16546C

 DAFFFF

 003D53

 F7FFFF

 00273C

 001326

 000110

 000000

 6BA0BA

 6BA0BA

■ 589ABA

■ 7EA6BA

■ 4694BA

■ 90ACBA

■ 338EBA

■ A3B2BA

■ 2188BA

■ B5B8BA

■ 0E81BA

■ C8BFBA

■ 007DBA

■ DBC5BA

■ EDCBBA

■ FFD1BA

■ FFD7BA

# Harmonies

## Analogous

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



61A3AC



6BA0BA



829BBF

# Triad

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



6BA0BA



BF8B99



929E77

# Complementary

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



6BA0BA



BA856B

# 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.



A79872



6BA0BA



C08C86

# Square

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



6BA0BA



B28EAC



B79178



7CA285

# Rectangle

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



6BA0BA



9496BD



B79178



999C75



# Sweetspot

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



6BA0BA



D3E8F2



6BBA84



67747A



FAFAFA



7A7A7A



# Same Dimension

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



6BA0BA



77CAF2



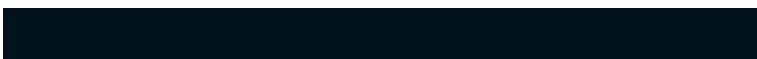
6B79BA



53595C



00689C



00131C



# Inverse Universe

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



BA6BA0



F277CA



BAAC6B



5C5359



9C0068



1C0013



# Previews

## White Background



This preview shows how the Hex color 6BA0BA looks on a white background.

## Color Contrast Check

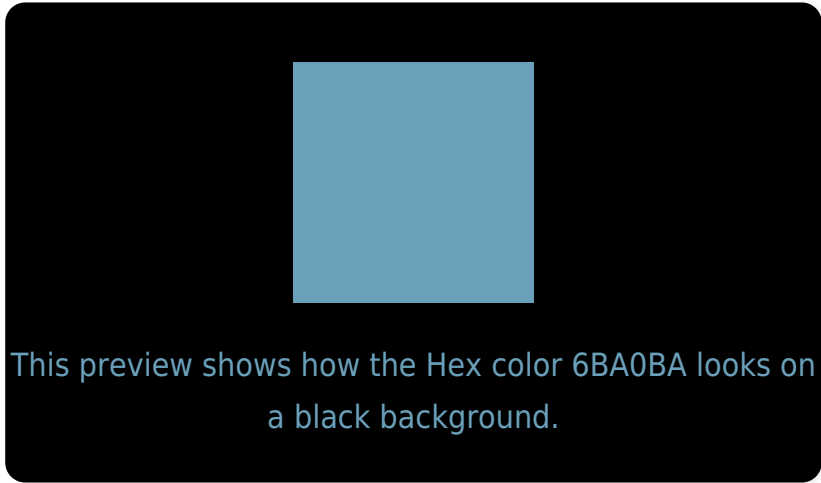
Large Text (above 18pt) WCAG AA × Fail

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

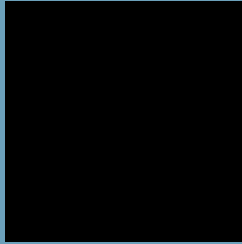
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BA0BA Background



This preview shows how black text looks on a background with the Hex color 6BA0BA.



This preview shows how white text looks on a background with the Hex color 6BA0BA.

# 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](#).

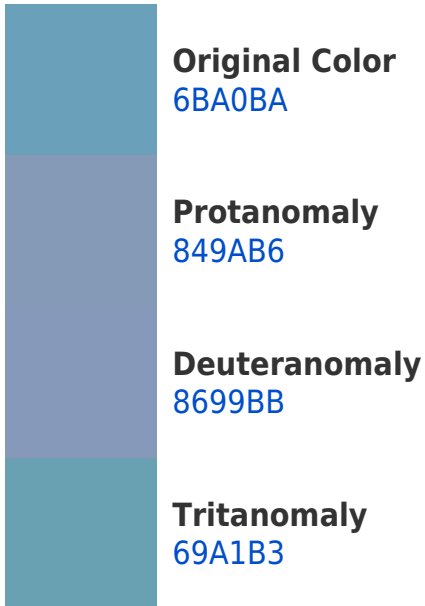
## Dichromacy





**Tritanopia**  
68A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA0BA 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 #6BA0BA looks like.

```
.text, #text, p{  
    color:#6BA0BA  
}
```

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 #6BA0BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA0BA
}
```

## Border

The CSS property to change the border of an element to Hex 6BA0BA 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
#6BA0BA }
```

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

```
.border{ border-color:#6BA0BA }
```

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

Here you see how a box with a 4 pixel #6BA0BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA0BA; -webkit-box-shadow:4px 4px  
4px 4px #6BA0BA; box-shadow:4px 4px 4px  
4px #6BA0BA }
```

# Background

The CSS property to change the background color of an element to Hex 6BA0BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA0BA }
```

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

```
.background{ background-color:#6BA0BA }
```

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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