

# Converting Colors

Hex(6DA2BF)

Have a look what the booklet for  
Hex(6DA2BF) contains.

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# **Color**

**Hex(6DA2BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA2BF
RGB	109, 162, 191
RGB Percent	43%, 64%, 75%
CMY	0.5725, 0.3647, 0.2510
CMYK	0.43, 0.15, 0.00, 0.25
HSL	201°, 39%, 59%
HSV	201°, 43%, 75%
XYZ	28.6310, 32.8535, 54.1226
YIQ	149.4590, -40.8970, -2.2170

# Conversions

## Conversions Part 2

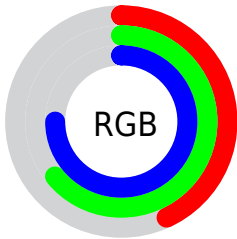
Format	Color
R <sub>YB</sub>	109, 141, 191
Decimal	7185087
CIE Lab	64.04, -9.84, -20.43
CIE LCh	64, 22.671, 244.288
Yxy	32.8535, 0.2477, 0.2842
Android (android.graphics.Color)	4285375167 (0xFF6DA2BF)
YUV	149.4590, 20.4797, -35.4825
Hunter-Lab	57.3179, -11.1436, -15.8621

# Details

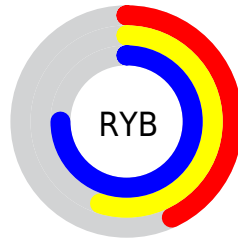
The Hex color **6DA2BF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BF8A6D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A4D9F7**, and **376E8A** is the 20% darker color. If you saturate the color by 10%, you get **5A9BBF**, and if you desaturate by 10%, it is **80A9BF**.

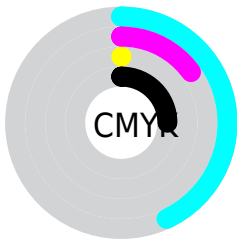
# Distribution



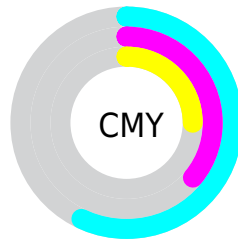
- Red (43%)
- Green (64%)
- Blue (75%)



- Red (43%)
- Yellow (55%)
- Blue (75%)



- Cyan (43%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (57%)
- Magenta (36%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA2BF 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 6DA2BF by changing the saturation by 10% instead.



 6DA2BF

 6DA2BF

FFFFFF

 5288A4

 A4D9F7

 376E8A

 C0F5FF

 185670

 DDFFFF

 003F58

 FAFFFF

 002940

 00152A

 000115

 000000

 6DA2BF

 6DA2BF

■ 5A9BBF

■ 80A9BF

■ 4794BF

■ 93B0BF

■ 348EBF

■ A6B6BF

■ 2187BF

■ B9DBBF

■ 0D80BF

■ CCC4BF

■ 007BBF

■ E0CBBF

■ F3D1BF

■ FFD8BF

■ FFDFBF

# Harmonies

## Analogous

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



61A6B1



6DA2BF



879CC3

# Triad

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



6DA2BF



C38D99



91A179

# Complementary

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



6DA2BF



BF8A6D

# 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.



A79B73



6DA2BF



C38F85

# Square

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



6DA2BF



B88FAD



B99477



7AA589

# Rectangle

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



6DA2BF



9997C0



B99477



999F76



# Sweetspot

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



6DA2BF



D7ECF7



6DBF8A



69767D



FCFCFC



7D7D7D



# Same Dimension

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



6DA2BF



77CAF7



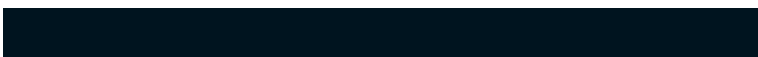
6D79BF



555B5E



00669E



00141F



# Inverse Universe

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



BF6DA2



F777CA



BFB36D



5E555B



9E0066



1F0014



# Previews

## White Background



This preview shows how the Hex color 6DA2BF looks on a white background.

## Color Contrast Check

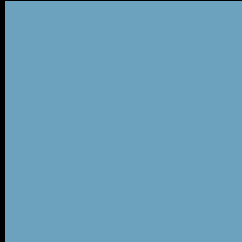
Large Text (above 18pt) WCAG AA × Fail

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 6DA2BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

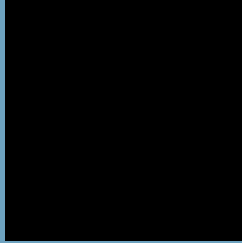
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DA2BF Background



This preview shows how black text looks on a background with the Hex color 6DA2BF.



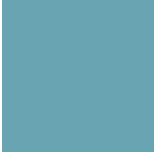
This preview shows how white text looks on a background with the Hex color 6DA2BF.

# 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](#).

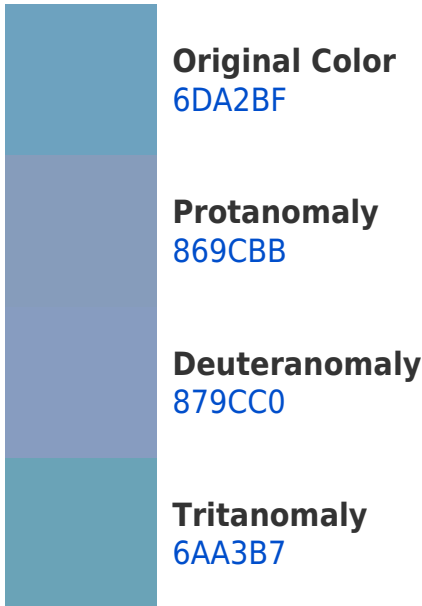
## Dichromacy



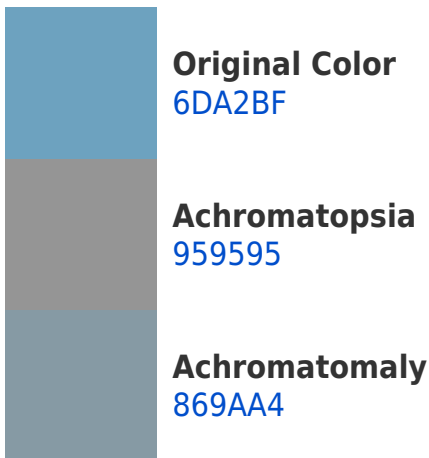


**Tritanopia**  
69A4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA2BF 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 #6DA2BF looks like.

```
.text, #text, p{  
    color:#6DA2BF  
}
```

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 #6DA2BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA2BF
}
```

## Border

The CSS property to change the border of an element to Hex 6DA2BF 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
#6DA2BF }
```

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

```
.border{ border-color:#6DA2BF }
```

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

Here you see how a box with a 4 pixel #6DA2BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA2BF; -webkit-box-shadow:4px 4px  
4px 4px #6DA2BF; box-shadow:4px 4px 4px  
4px #6DA2BF }
```

# Background

The CSS property to change the background color of an element to Hex 6DA2BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA2BF }
```

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

```
.background{ background-color:#6DA2BF }
```

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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