

# Converting Colors

Hex(6782BF)

Have a look what the booklet for  
Hex(6782BF) contains.

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# Color

Hex(6782BF)

# Conversions

## Conversions Part 1

Format	Color
Hex	6782BF
RGB	103, 130, 191
RGB Percent	40%, 51%, 75%
CMY	0.5961, 0.4902, 0.2510
CMYK	0.46, 0.32, 0.00, 0.25
HSL	222°, 41%, 58%
HSV	222°, 46%, 75%
XYZ	22.9801, 22.6104, 52.4433
YIQ	128.8810, -35.6730, 13.2470

# Conversions

## Conversions Part 2

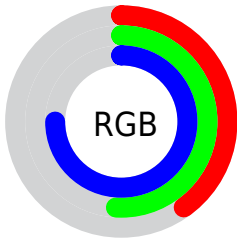
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 124, 191</a>
Decimal	<a href="#">6783679</a>
CIELab	<a href="#">54.67, 6.88, -34.93</a>
CIElCh	<a href="#">55, 35.602, 281.144</a>
Yxy	<a href="#">22.6104, 0.2344, 0.2306</a>
Android (android.graphics.Color)	<a href="#">4284973759 (0xFF6782BF)</a>
YUV	<a href="#">128.8810, 30.6247, -22.6976</a>
Hunter-Lab	<a href="#">47.5504, 3.0521, -32.1056</a>

# Details

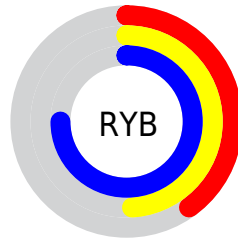
The Hex color **6782BF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BFA467**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9EB7F8**, and **305189** is the 20% darker color. If you saturate the color by 10%, you get **5475BF**, and if you desaturate by 10%, it is **7A8FBF**.

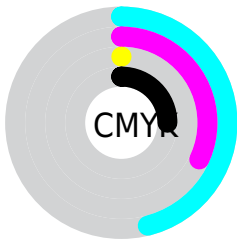
# Distribution



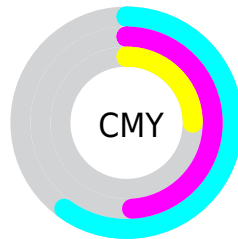
- Red (40%)
- Green (51%)
- Blue (75%)



- Red (40%)
- Yellow (49%)
- Blue (75%)



- Cyan (46%)
- Magenta (32%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (49%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6782BF 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 6782BF by changing the saturation by 10% instead.



■ 6782BF

■ 6782BF

FFFFFF

■ 4C69A4

■ 9EB7F8

■ 305189

■ BAD2FF

■ 0D3A70

■ D7EEFF

■ 002557

■ F4FFFF

■ 00103F

■ 000329

■ 000113

■ 000000

■ 6782BF

■ 6782BF

■ 5475BF

■ 7A8FBF

■ 4168BF

■ 8D9CBF

■ 2E5ABF

■ A0AABF

■ 1B4DBF

■ B3B7BF

■ 0740BF

■ C7C4BF

■ 003BBF

■ DAD1BF

■ EDDFBF

■ FFECBF

■ FFF9BF

# Harmonies

## Analogous

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



248BBC



6782BF



9576B1

# Triad

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



6782BF



B9705C



40916E

# Complementary

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



6782BF



BFA467

# 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.



698D53



6782BF



A77A49

# Square

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



6782BF



BE6A78



8B8545



00938E

# Rectangle

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



6782BF



AA6FA1



8B8545



4F9064



# Sweetspot

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



6782BF



D5DFF7



67BFA3



686E7D



FCFCFC



7D7D7D



# Same Dimension

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



6782BF



6F99F7



7767BF



55585E



00319E



00091F



# Inverse Universe

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



BF6782



F76F99



AFBF67



5E5558



9E0031

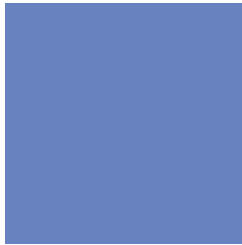


1F0009



# Previews

## White Background



This preview shows how the Hex color 6782BF looks on a white background.

## Color Contrast Check

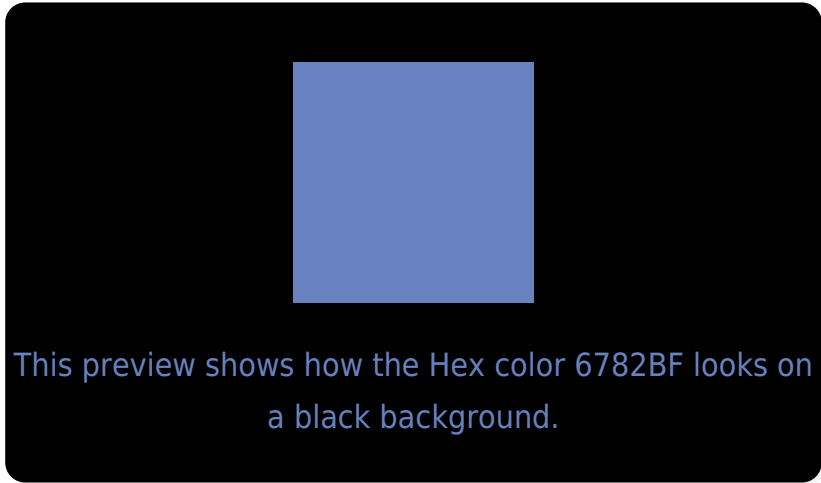
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

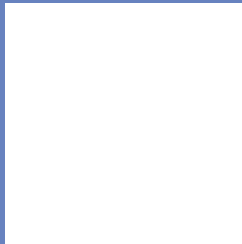
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6782BF Background



This preview shows how black text looks on a background with the Hex color 6782BF.



This preview shows how white text looks on a background with the Hex color 6782BF.

# 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**  
6782BF

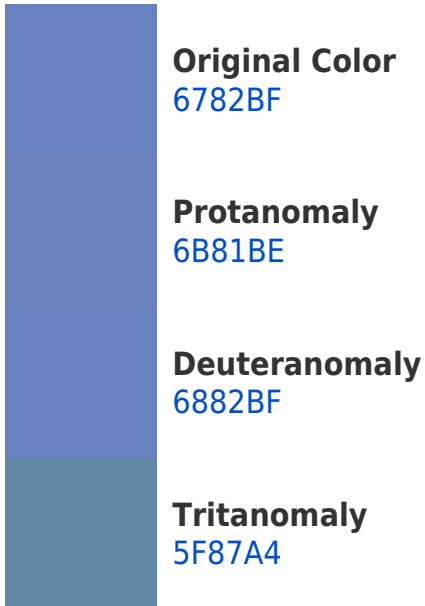
**Protanopia**  
6E80BE

**Deuteranopia**  
6982BF



**Tritanopia**  
5B8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6782BF 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 #6782BF looks like.

```
.text, #text, p{  
    color:#6782BF  
}
```

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 #6782BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6782BF
}
```

## Border

The CSS property to change the border of an element to Hex 6782BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

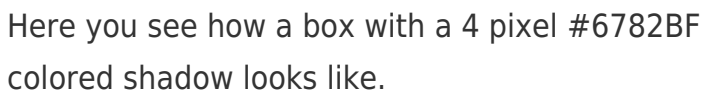
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6782BF }
```

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

```
.border{ border-color:#6782BF }
```

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



Here you see how a box with a 4 pixel #6782BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6782BF; -webkit-box-shadow:4px 4px  
4px 4px #6782BF; box-shadow:4px 4px 4px  
4px #6782BF }
```

# Background

The CSS property to change the background color of an element to Hex 6782BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6782BF }
```

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

```
.background{ background-color:#6782BF }
```

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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