

# Converting Colors

Hex(6B90D1)

Have a look what the booklet for  
Hex(6B90D1) contains.

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# **Color**

**Hex(6B90D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B90D1
RGB	107, 144, 209
RGB Percent	42%, 56%, 82%
CMY	0.5804, 0.4353, 0.1804
CMYK	0.49, 0.31, 0.00, 0.18
HSL	218°, 53%, 62%
HSV	218°, 49%, 82%
XYZ	27.5453, 27.6758, 64.2118
YIQ	140.3470, -42.9170, 12.3710

# Conversions

## Conversions Part 2

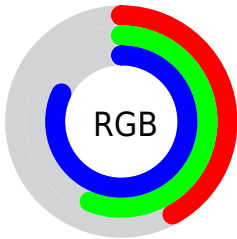
Format	Color
<a href="#">RYB</a>	<a href="#">107, 134, 209</a>
Decimal	<a href="#">7049425</a>
CIELab	<a href="#">59.59, 5.04, -37.38</a>
CIElCh	<a href="#">60, 37.722, 277.682</a>
Yxy	<a href="#">27.6758, 0.2306, 0.2317</a>
Android (android.graphics.Color)	<a href="#">4285239505 (0xFF6B90D1)</a>
YUV	<a href="#">140.3470, 33.8459, -29.2453</a>
Hunter-Lab	<a href="#">52.6078, 1.3985, -35.5425</a>

# Details

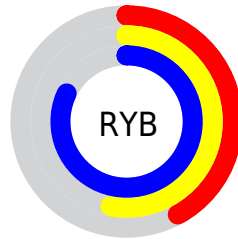
The Hex color **6B90D1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D1AC6B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A3C6FF**, and **315E9A** is the 20% darker color. If you saturate the color by 10%, you get **5683D1**, and if you desaturate by 10%, it is **809DD1**.

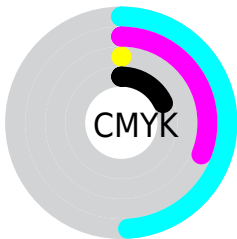
# Distribution



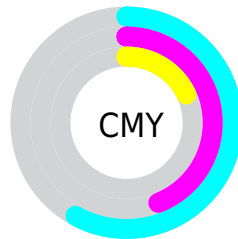
- Red (42%)
- Green (56%)
- Blue (82%)



- Red (42%)
- Yellow (53%)
- Blue (82%)



- Cyan (49%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (44%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B90D1 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 6B90D1 by changing the saturation by 10% instead.



■ 6B90D1

■ 6B90D1

FFFFFF

■ 4F77B5

■ A3C6FF

■ 315E9A

■ C0E1FF

■ 084780

■ DDFEFF

■ 003167

■ FAFFFF

■ 001C4E

■ 000237

■ 000221

■ 000005

■ 000000

■ 6B90D1

■ 6B90D1

■ 5683D1

■ 809DD1

■ 4175D1

■ 95ABD1

■ 2C68D1

■ AAB8D1

■ 175BD1

■ BFC5D1

■ 034DD1

■ D3D3D1

■ 004CD1

■ E8E0D1

■ FDEDD1

■ FFFBD1

■ FFFFD1

# Harmonies

## Analogous

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



1E9ACC



6B90D1



9E84C4

# Triad

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



6B90D1



CB7A69



4E9F75

# Complementary

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



6B90D1



D1AC6B

# 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.



79995A



6B90D1



B98552

# Square

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



6B90D1



CF7588



9C904C



00A197

# Rectangle

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



6B90D1



B77CB3



9C904C



5D9E6B



# Sweetspot

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



6B90D1



D9E7FF



6BD1AC



697180



000000



808080

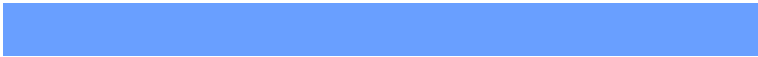


# Same Dimension

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



6B90D1



699FFF



796BD1



5E6269



003DA8



000F29



# Inverse Universe

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



D16B90



FF699F



C3D16B



695E62



A8003D

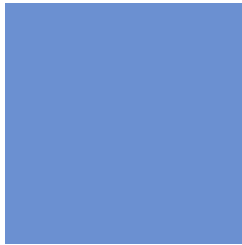


29000F



# Previews

## White Background



This preview shows how the Hex color 6B90D1 looks on a white background.

## Color Contrast Check

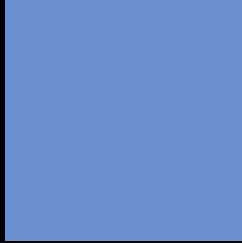
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6B90D1 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 × Fail

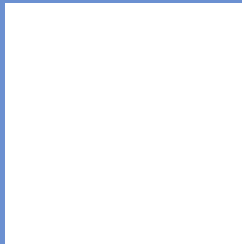
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B90D1 Background



This preview shows how black text looks on a background with the Hex color 6B90D1.



This preview shows how white text looks on a background with the Hex color 6B90D1.

# 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](#).

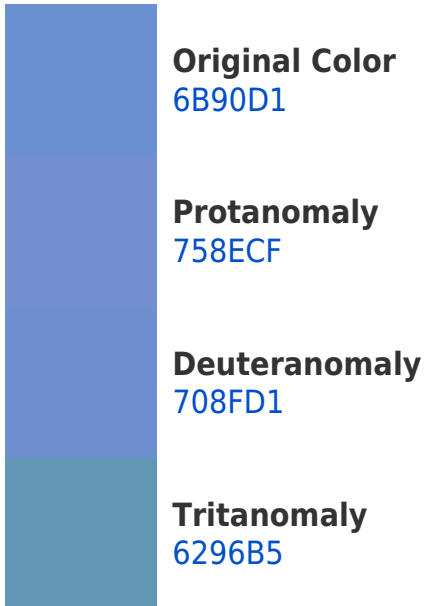
## Dichromacy



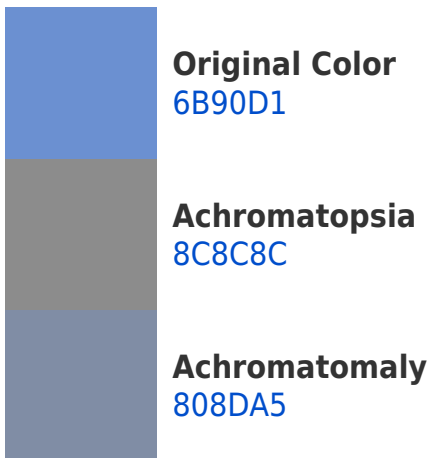


**Tritanopia**  
5D99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B90D1 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 #6B90D1 looks like.

```
.text, #text, p{  
    color:#6B90D1  
}
```

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 #6B90D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B90D1
}
```

## Border

The CSS property to change the border of an element to Hex 6B90D1 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
#6B90D1 }
```

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

```
.border{ border-color:#6B90D1 }
```

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

Here you see how a box with a 4 pixel #6B90D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B90D1; -webkit-box-shadow:4px 4px  
4px 4px #6B90D1; box-shadow:4px 4px 4px  
4px #6B90D1 }
```

# Background

The CSS property to change the background color of an element to Hex 6B90D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B90D1 }
```

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

```
.background{ background-color:#6B90D1 }
```

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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