

# Converting Colors

Hex(6A90B0)

Have a look what the booklet for  
Hex(6A90B0) contains.

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# Color

**Hex(6A90B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A90B0
RGB	106, 144, 176
RGB Percent	42%, 56%, 69%
CMY	0.5843, 0.4353, 0.3098
CMYK	0.40, 0.18, 0.00, 0.31
HSL	207°, 31%, 55%
HSV	207°, 40%, 69%
XYZ	23.7536, 26.1453, 44.8689
YIQ	136.2860, -32.9200, 1.8960

# Conversions

## Conversions Part 2

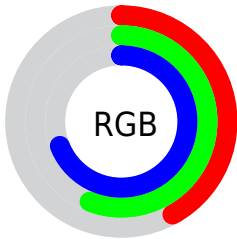
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 131, 176
Decimal	6983856
CIELab	58.17, -4.77, -20.94
CIElCh	58, 21.480, 257.158
Yxy	26.1453, 0.2507, 0.2759
Android (android.graphics.Color)	4285173936 (0xFF6A90B0)
YUV	136.2860, 19.5790, -26.5608
Hunter-Lab	51.1325, -6.5596, -16.2344

# Details

The Hex color **6A90B0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B08A6A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A0C6E8**, and **365E7B** is the 20% darker color. If you saturate the color by 10%, you get **5888B0**, and if you desaturate by 10%, it is **7C98B0**.

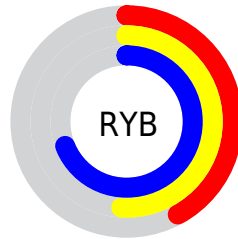
# Distribution



Red (42%)

Green (56%)

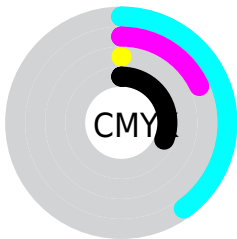
Blue (69%)



Red (42%)

Yellow (51%)

Blue (69%)

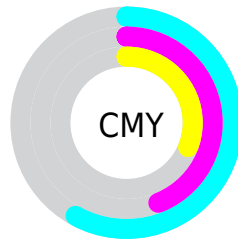


Cyan (40%)

Magenta (18%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (44%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A90B0 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 6A90B0 by changing the saturation by 10% instead.



■ 6A90B0

■ 6A90B0

FFFFFF

■ 507695

■ A0C6E8

■ 365E7B

■ BBE2FF

■ 1A4662

■ D8FEFF

■ 00304A

■ F5FFFF

■ 001B34

■ 00021F

■ 000001

■ 000000

■ 6A90B0

■ 6A90B0

■ 5888B0

■ 7C98B0

■ 4780B0

■ 8DA0B0

■ 3578B0

■ 9FA8B0

■ 2470B0

■ B0B0B0

■ 1268B0

■ C2B8B0

■ 0060B0

■ D4C0B0

■ E5C8B0

■ F7D0B0

■ FFD8B0

# Harmonies

## Analogous

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



5894A7



6A90B0



848AB0

# Triad

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



6A90B0



B27E82



799372

# Complementary

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



6A90B0



B08A6A

# 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.



8E8E68



6A90B0



AE8271

# Square

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



6A90B0



AC7F95



A18868



649683

# Rectangle

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



6A90B0



9585AA



A18868



80926D



# Sweetspot

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



6A90B0



CAD9E6



6AB08A



636B73



F2F2F2



737373



# Same Dimension

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



6A90B0



77B3E6



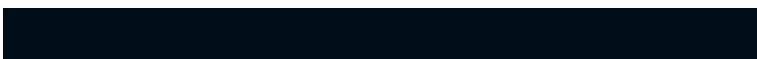
6A6DB0



505559



005399



000E1A



# Inverse Universe

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



B06A90



E677B3



B0AC6A



595055



990053



1A000E



# Previews

## White Background



This preview shows how the Hex color 6A90B0 looks on a white background.

## Color Contrast Check

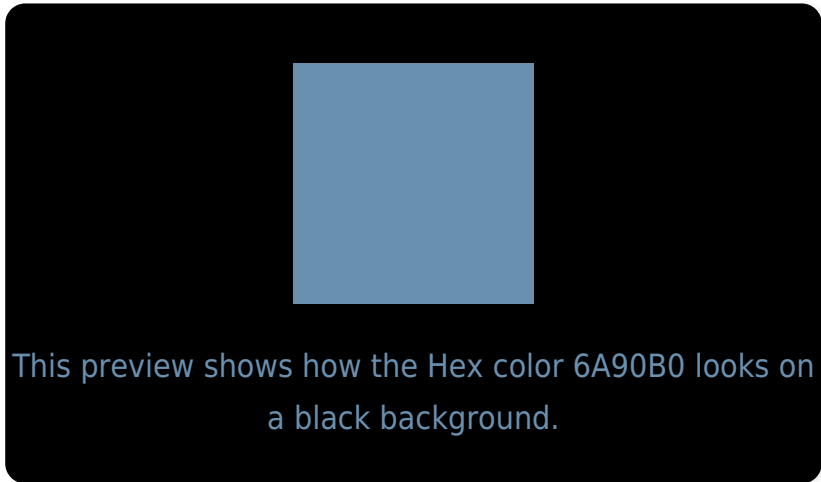
Large Text (above 18pt) WCAG AA ✓ Pass

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

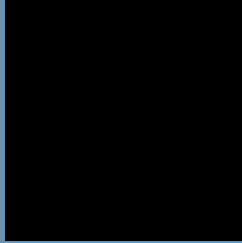
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

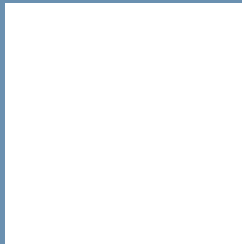
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A90B0 Background



This preview shows how black text looks on a background with the Hex color 6A90B0.

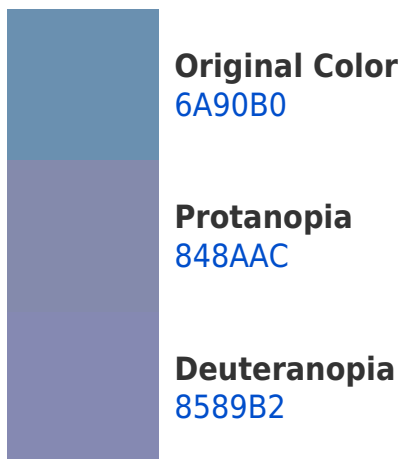


This preview shows how white text looks on a background with the Hex color 6A90B0.

# 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](#).

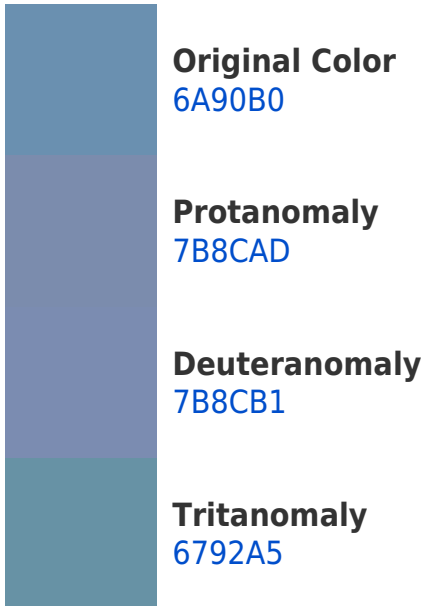
## Dichromacy



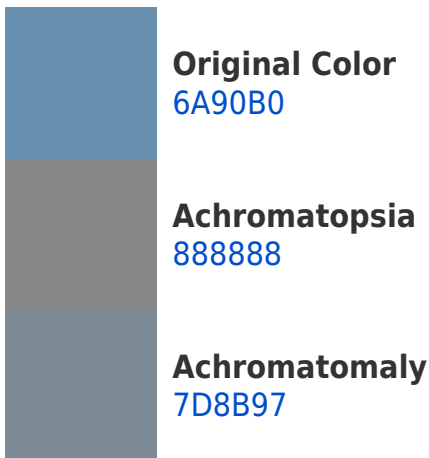


**Tritanopia**  
65939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A90B0 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 #6A90B0 looks like.

```
.text, #text, p{  
    color:#6A90B0  
}
```

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 #6A90B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A90B0
}
```

## Border

The CSS property to change the border of an element to Hex 6A90B0 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
#6A90B0 }
```

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

```
.border{ border-color:#6A90B0 }
```

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

Here you see how a box with a 4 pixel #6A90B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A90B0; -webkit-box-shadow:4px 4px  
4px 4px #6A90B0; box-shadow:4px 4px 4px  
4px #6A90B0 }
```

# Background

The CSS property to change the background color of an element to Hex 6A90B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A90B0 }
```

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

```
.background{ background-color:#6A90B0 }
```

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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