

# Converting Colors

Hex(6A93B9)

Have a look what the booklet for  
Hex(6A93B9) contains.

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# Color

Hex(6A93B9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A93B9
RGB	106, 147, 185
RGB Percent	42%, 58%, 73%
CMY	0.5843, 0.4235, 0.2745
CMYK	0.43, 0.21, 0.00, 0.27
HSL	209°, 36%, 57%
HSV	209°, 43%, 73%
XYZ	25.1345, 27.4344, 49.8696
YIQ	139.0730, -36.6340, 3.1260

# Conversions

## Conversions Part 2

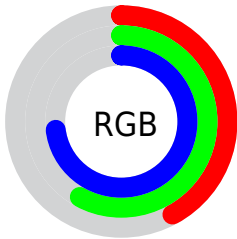
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 133, 185
Decimal	6984633
CIE <sub>Lab</sub>	59.37, -3.96, -24.21
CIE <sub>LCh</sub>	59, 24.531, 260.719
Yxy	27.4344, 0.2454, 0.2678
Android (android.graphics.Color)	4285174713 (0xFF6A93B9)
YUV	139.0730, 22.6420, -29.0050
Hunter-Lab	52.3778, -6.0045, -19.7862

# Details

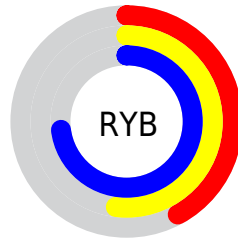
The Hex color **6A93B9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B9906A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A0C9F1**, and **356184** is the 20% darker color. If you saturate the color by 10%, you get **588AB9**, and if you desaturate by 10%, it is **7D9CB9**.

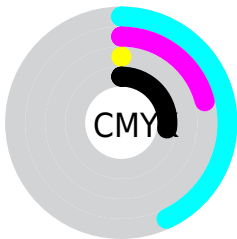
# Distribution



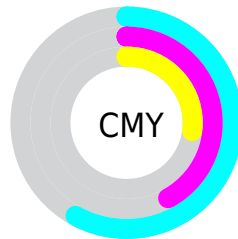
- Red (42%)
- Green (58%)
- Blue (73%)



- Red (42%)
- Yellow (52%)
- Blue (73%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (42%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A93B9 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 6A93B9 by changing the saturation by 10% instead.





6A93B9



6A93B9

FFFFFF



4F799E



A0C9F1



356184



BCE5FF



17496A



D9FFFF



003352



F6FFFF



001E3B



000225



00010E



000000



6A93B9



6A93B9

■ 588AB9

■ 7D9CB9

■ 4581B9

■ 8FA5B9

■ 3378B9

■ A2AEB9

■ 206FB9

■ B4B7B9

■ 0D67B9

■ C6BFB9

■ 0060B9

■ D9C8B9

■ ECD1B9

■ FEDAB9

■ FFE3B9

# Harmonies

## Analogous

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



5298B0



6A93B9



898CB7

# Triad

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



6A93B9



BB8081



769873

# Complementary

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



6A93B9



B9906A

# 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.



8F9266



6A93B9



B4846E

# Square

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



6A93B9



B58097



A58B65



5E9B87

# Rectangle

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



6A93B9



9C87B0



A58B65



7F966E



# Sweetspot

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



6A93B9



D1E1F0



6AB98F



656F78



F7F7F7



787878



# Same Dimension

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



6A93B9



75B5F0



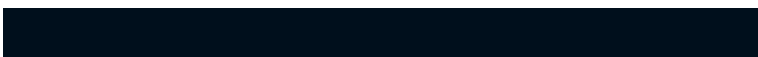
6A6DB9



53575C



00519C



000F1C



# Inverse Universe

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



B96A93



F075B5



B9B66A



5C5357



9C0051

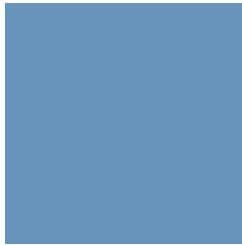


1C000F



# Previews

## White Background



This preview shows how the Hex color 6A93B9 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 6A93B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

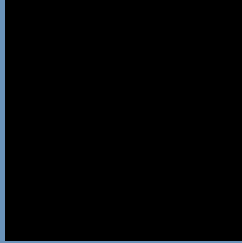
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

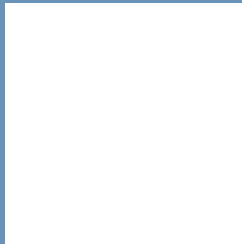
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A93B9 Background



This preview shows how black text looks on a background with the Hex color 6A93B9.



This preview shows how white text looks on a background with the Hex color 6A93B9.

# 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**  
6A93B9

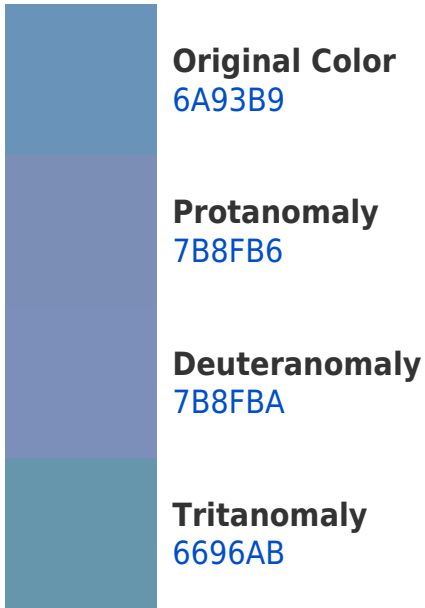
**Protanopia**  
858DB5

**Deuteranopia**  
858CBA

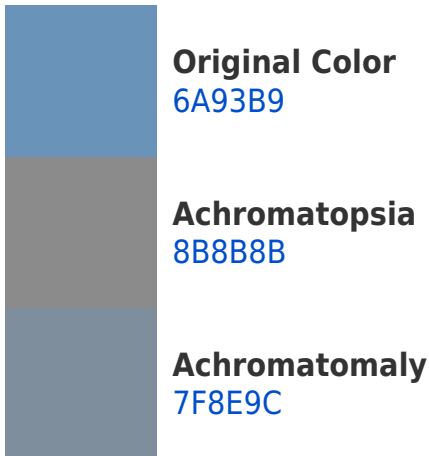


**Tritanopia**  
6497A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A93B9 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 #6A93B9 looks like.

```
.text, #text, p{  
    color:#6A93B9  
}
```

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 #6A93B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A93B9
}
```

## Border

The CSS property to change the border of an element to Hex 6A93B9 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
#6A93B9 }
```

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

```
.border{ border-color:#6A93B9 }
```

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

Here you see how a box with a 4 pixel #6A93B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A93B9; -webkit-box-shadow:4px 4px  
4px 4px #6A93B9; box-shadow:4px 4px 4px  
4px #6A93B9 }
```

# Background

The CSS property to change the background color of an element to Hex 6A93B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A93B9 }
```

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

```
.background{ background-color:#6A93B9 }
```

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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