

# Converting Colors

Hex(6A9BB9)

Have a look what the booklet for  
Hex(6A9BB9) contains.

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# **Color**

**Hex(6A9BB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9BB9
RGB	106, 155, 185
RGB Percent	42%, 61%, 73%
CMY	0.5843, 0.3922, 0.2745
CMYK	0.43, 0.16, 0.00, 0.27
HSL	203°, 36%, 57%
HSV	203°, 43%, 73%
XYZ	26.4222, 30.0096, 50.2988
YIQ	143.7690, -38.8340, -1.0580

# Conversions

## Conversions Part 2

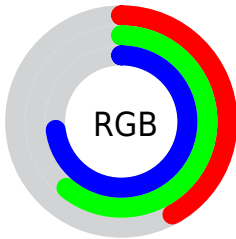
Format	Color
R <sub>Y</sub> B	106, 136, 185
Decimal	6986681
CIE Lab	61.66, -8.43, -20.71
CIE LCh	62, 22.356, 247.847
Yxy	30.0096, 0.2476, 0.2812
Android (android.graphics.Color)	4285176761 (0xFF6A9BB9)
YUV	143.7690, 20.3269, -33.1234
Hunter-Lab	54.7811, -9.7722, -16.0921

# Details

The Hex color **6A9BB9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B9886A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A0D1F1**, and **346884** is the 20% darker color. If you saturate the color by 10%, you get **5894B9**, and if you desaturate by 10%, it is **7DA2B9**.

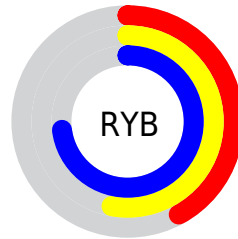
# Distribution



Red (42%)

Green (61%)

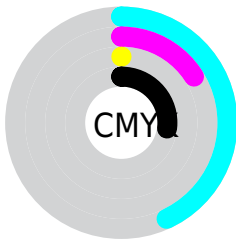
Blue (73%)



Red (42%)

Yellow (53%)

Blue (73%)

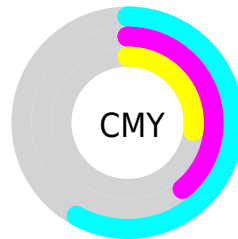


Cyan (43%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (39%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9BB9 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 6A9BB9 by changing the saturation by 10% instead.



■ 6A9BB9

■ 6A9BB9

FFFFFF

■ 4F819E

■ A0D1F1

■ 346884

■ BCEEFF

■ 16506B

■ D9FFFF

■ 003952

■ F6FFFF

■ 00243B

■ 000E25

■ 00010F

■ 000000

■ 6A9BB9

■ 6A9BB9

■ 5894B9

■ 7DA2B9

■ 458DB9

■ 8FA9B9

■ 3386B9

■ A2B0B9

■ 207FB9

■ B4B7B9

■ 0D78B9

■ C6BEB9

■ 0073B9

■ D9C5B9

■ ECCCCB9

■ FED3B9

■ FFDAB9

# Harmonies

## Analogous

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



5C9FAC



6A9BB9



8495BC

# Triad

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



6A9BB9



BD8790



889B75

# Complementary

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



6A9BB9



B986A

# 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.



9E956E



6A9BB9



BB897E

# Square

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



6A9BB9



B389A4



B08F71



729F85

# Rectangle

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



6A9BB9



9690B8



B08F71



909972



# Sweetspot

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



6A9BB9



D1E4F0



6AB987



657178



F7F7F7



787878



# Same Dimension

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



6A9BB9



75C1F0



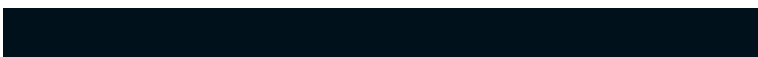
6A75B9



53585C



00609C



00111C



# Inverse Universe

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



B96A9B



F075C1



B9AE6A



5C5358



9C0060



1C0011



# Previews

## White Background



This preview shows how the Hex color 6A9BB9 looks on a white background.

## Color Contrast Check

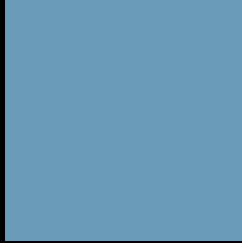
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A9BB9 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

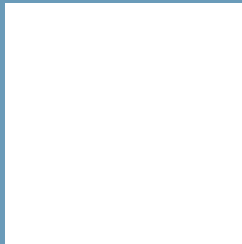
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A9BB9 Background



This preview shows how black text looks on a background with the Hex color 6A9BB9.



This preview shows how white text looks on a background with the Hex color 6A9BB9.

# 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

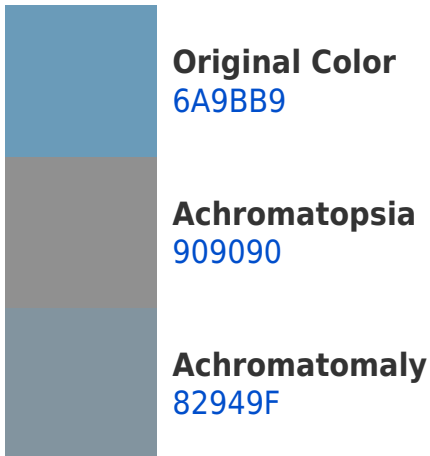




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9BB9 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 #6A9BB9 looks like.

```
.text, #text, p{  
    color:#6A9BB9  
}
```

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 #6A9BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9BB9
}
```

## Border

The CSS property to change the border of an element to Hex 6A9BB9 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
#6A9BB9 }
```

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

```
.border{ border-color:#6A9BB9 }
```

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

Here you see how a box with a 4 pixel #6A9BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9BB9; -webkit-box-shadow:4px 4px  
4px 4px #6A9BB9; box-shadow:4px 4px 4px  
4px #6A9BB9 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9BB9 }
```

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

```
.background{ background-color:#6A9BB9 }
```

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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