

# Converting Colors

Hex(65769A)

Have a look what the booklet for  
Hex(65769A) contains.

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# Color

**Hex(65769A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65769A
RGB	101, 118, 154
RGB Percent	40%, 46%, 60%
CMY	0.6039, 0.5373, 0.3961
CMYK	0.34, 0.23, 0.00, 0.40
HSL	221°, 21%, 50%
HSV	221°, 34%, 60%
XYZ	17.6780, 18.0567, 33.1254
YIQ	117.0210, -21.6880, 7.5920

# Conversions

## Conversions Part 2

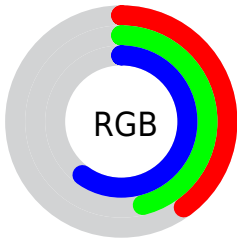
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 114, 154
Decimal	6649498
CIE Lab	49.56, 2.80, -21.47
CIE LCh	50, 21.652, 277.437
Yxy	18.0567, 0.2567, 0.2622
Android (android.graphics.Color)	4284839578 (0xFF65769A)
YUV	117.0210, 18.2306, -14.0504
Hunter-Lab	42.4931, -0.1034, -16.4742

# Details

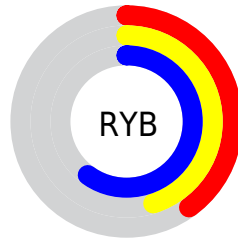
The Hex color **65769A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A8965**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **99AAD1**, and **334667** is the 20% darker color. If you saturate the color by 10%, you get **566C9A**, and if you desaturate by 10%, it is **74809A**.

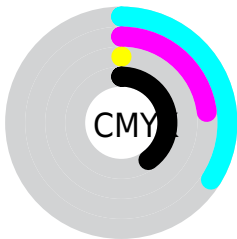
# Distribution



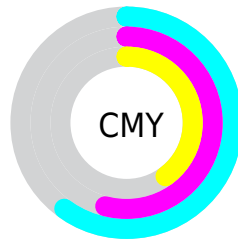
- Red (40%)
- Green (46%)
- Blue (60%)



- Red (40%)
- Yellow (45%)
- Blue (60%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (54%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65769A 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 65769A by changing the saturation by 10% instead.





65769A



65769A

FFFFFF



4C5D80



99AAD1



334667



B5C5ED



1B304F



D1E1FF



001B38



EDFEFF



000122



000008



000000



65769A



65769A



566C9A



74809A

■ 46619A

■ 848B9A

■ 37579A

■ 93959A

■ 274C9A

■ A3A09A

■ 18429A

■ B2AA9A

■ 09379A

■ C1B59A

■ 00319A

■ D1BF9A

■ E0CA9A

■ F0D49A

# Harmonies

## Analogous

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



4B7C97



65769A



7E7093

# Triad

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



65769A



996B60



557F67

# Complementary

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



65769A



9A8965

# 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.



6A7B58



65769A



8F7054

# Square

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



65769A



9A6872



7E7651



43807A

# Rectangle

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



65769A



8C6C8A



7E7651



5C7E62

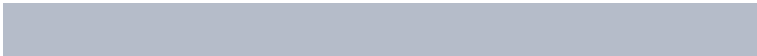


# Sweetspot

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



65769A



B5BCC9



659A88



5A5E66



E6E6E6



666666



# Same Dimension

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



65769A



7791C9



6E659A



45474D



002D8C



00040D



# Inverse Universe

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



9A6576



C97791



919A65



4D4547



8C002D

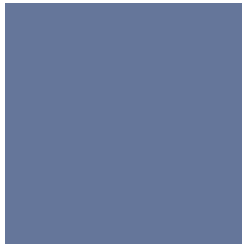


0D0004



# Previews

## White Background



This preview shows how the Hex color 65769A looks on a white background.

## Color Contrast Check

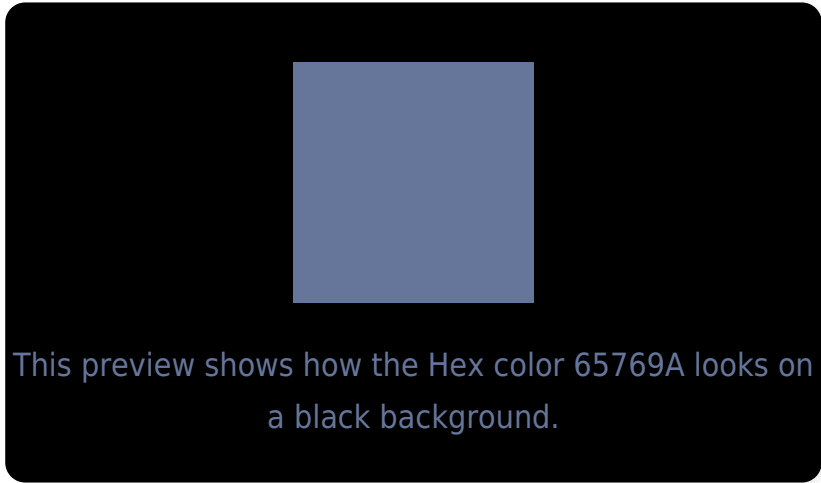
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

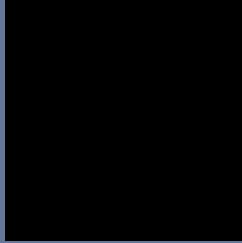
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

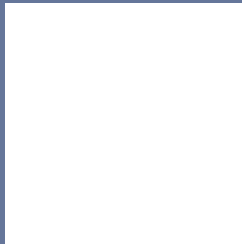
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65769A Background



This preview shows how black text looks on a background with the Hex color 65769A.



This preview shows how white text looks on a background with the Hex color 65769A.

# 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**  
65769A

**Protanopia**  
6C7499

**Deuteranopia**  
6D749A



**Tritanopia**  
607A84

# Trichromacy



**Original Color**  
65769A

**Protanomaly**  
697599

**Deuteranomaly**  
6A759A

**Tritanomaly**  
62798C

# Monochromacy



**Original Color**  
65769A

**Achromatopsia**  
757575

**Achromatomaly**  
6F7582

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65769A 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 #65769A looks like.

```
.text, #text, p{  
    color:#65769A  
}
```

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 #65769A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65769A
}
```

## Border

The CSS property to change the border of an element to Hex 65769A 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
#65769A }
```

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

```
.border{ border-color:#65769A }
```

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

Here you see how a box with a 4 pixel #65769A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65769A; -webkit-box-shadow:4px 4px  
4px 4px #65769A; box-shadow:4px 4px 4px  
4px #65769A }
```

# Background

The CSS property to change the background color of an element to Hex 65769A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65769A }
```

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

```
.background{ background-color:#65769A }
```

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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