

# Converting Colors

Hex(65809D)

Have a look what the booklet for  
Hex(65809D) contains.

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# Color

**Hex(65809D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65809D
RGB	101, 128, 157
RGB Percent	40%, 50%, 62%
CMY	0.6039, 0.4980, 0.3843
CMYK	0.36, 0.18, 0.00, 0.38
HSL	211°, 22%, 51%
HSV	211°, 36%, 62%
XYZ	19.1718, 20.6394, 34.8716
YIQ	123.2330, -25.4010, 3.2950

# Conversions

## Conversions Part 2

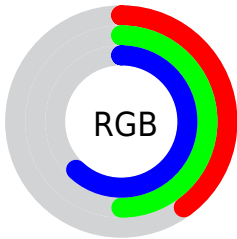
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 119, 157
Decimal	6652061
CIELab	52.55, -2.25, -18.64
CIELCh	53, 18.778, 263.109
Yxy	20.6394, 0.2567, 0.2764
Android (android.graphics.Color)	4284842141 (0xFF65809D)
YUV	123.2330, 16.6471, -19.4983
Hunter-Lab	45.4306, -4.1761, -13.7085

# Details

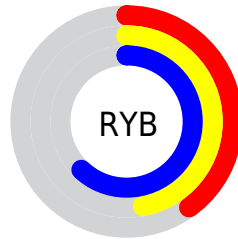
The Hex color **65809D** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9D8265**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9AB5D4**, and **334F6A** is the 20% darker color. If you saturate the color by 10%, you get **55789D**, and if you desaturate by 10%, it is **75889D**.

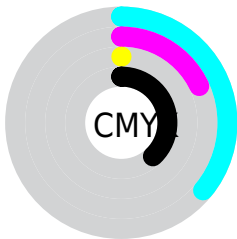
# Distribution



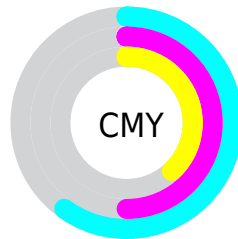
- Red (40%)
- Green (50%)
- Blue (62%)



- Red (40%)
- Yellow (47%)
- Blue (62%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (50%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65809D 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 65809D by changing the saturation by 10% instead.



■ 65809D

■ 65809D

FFFFFF

■ 4C6783

■ 9AB5D4

■ 334F6A

■ B5D0F0

■ 1A3851

■ D1ECFF

■ 00233A

■ EDFFFF

■ 000D25

■ 00010E

■ 000000

■ 65809D

■ 65809D

■ 55789D

■ 75889D

■ 46709D

■ 84909D

■ 36689D

■ 94989D

■ 265F9D

■ A4A19D

■ 16579D

■ B3A99D

■ 074F9D

■ C3B19D

■ 004C9D

■ D3B99D

■ E3C19D

■ F2C99D

# Harmonies

## Analogous

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



548497



65809D



7B7B9B

# Triad

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



65809D



9E7271



6A846A

# Complementary

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



65809D



9D8265

# 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.



7C8060



65809D



997664

# Square

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



65809D



9B7282



8D7B5E



598679

# Rectangle

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



65809D



897795



8D7B5E



708366



# Sweetspot

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



65809D



B6C0CC



659D82



595F66



E6E6E6



666666



# Same Dimension

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



65809D



749FCC



66659D



474B4F



00458F



00070F



# Inverse Universe

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



9D6580



CC749F



9C9D65



4F474B



8F0045

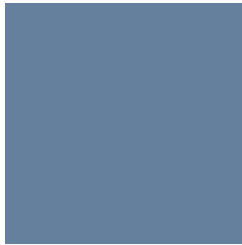


0F0007



# Previews

## White Background



This preview shows how the Hex color 65809D looks on a white background.

## Color Contrast Check

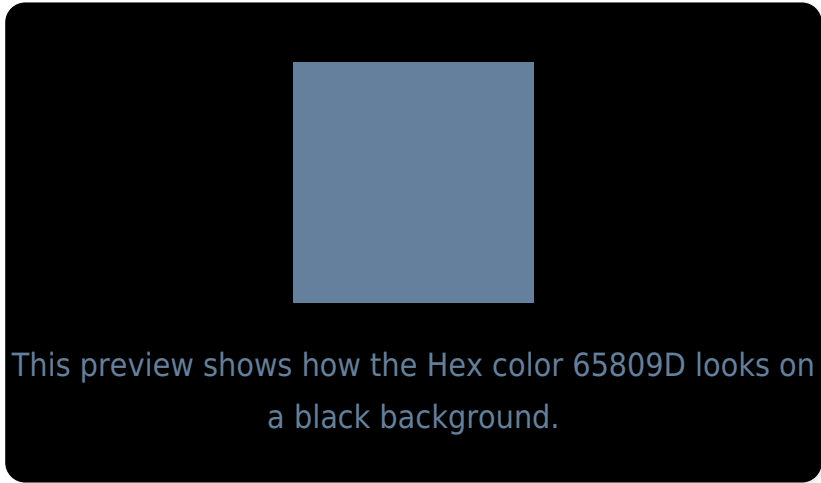
Large Text (above 18pt) WCAG AA ✓ Pass

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

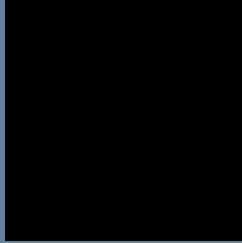
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

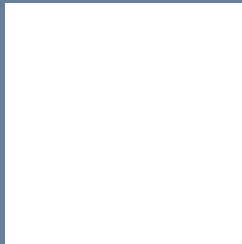
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65809D Background



This preview shows how black text looks on a background with the Hex color 65809D.




This preview shows how white text looks on a background with the Hex color 65809D.

# 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**  
61838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65809D 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 #65809D looks like.

```
.text, #text, p{  
    color:#65809D  
}
```

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 #65809D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65809D
}
```

## Border

The CSS property to change the border of an element to Hex 65809D 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
#65809D }
```

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

```
.border{ border-color:#65809D }
```

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

Here you see how a box with a 4 pixel #65809D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65809D; -webkit-box-shadow:4px 4px  
4px 4px #65809D; box-shadow:4px 4px 4px  
4px #65809D }
```

# Background

The CSS property to change the background color of an element to Hex 65809D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65809D }
```

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

```
.background{ background-color:#65809D }
```

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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