

# Converting Colors

Hex(3D8095)

Have a look what the booklet for  
Hex(3D8095) contains.

<b>Hex(3D8095)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3D8095)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D8095
RGB	61, 128, 149
RGB Percent	24%, 50%, 58%
CMY	0.7608, 0.4980, 0.4157
CMYK	0.59, 0.14, 0.00, 0.42
HSL	194°, 42%, 41%
HSV	194°, 59%, 58%
XYZ	15.0685, 18.6004, 31.2298
YIQ	110.3610, -46.6730, -7.6730

# Conversions

## Conversions Part 2

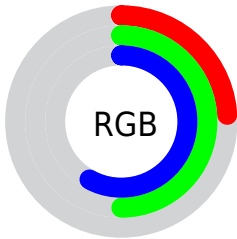
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 99, 149
Decimal	4030613
CIE <sub>Lab</sub>	50.22, -14.80, -17.73
CIE <sub>LCh</sub>	50, 23.098, 230.141
Yxy	18.6004, 0.2322, 0.2866
Android (android.graphics.Color)	4282220693 (0xFF3D8095)
YUV	110.3610, 19.0490, -43.2896
Hunter-Lab	43.1281, -13.1085, -12.7432

# Details

The Hex color **3D8095** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **95523D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **74B5CB**, and **004F62** is the 20% darker color. If you saturate the color by 10%, you get **2E7C95**, and if you desaturate by 10%, it is **4C8495**.

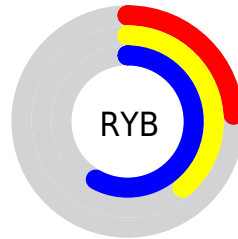
# Distribution



Red (24%)

Green (50%)

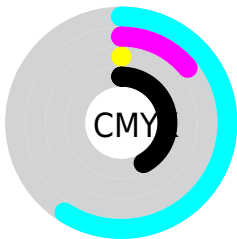
Blue (58%)



Red (24%)

Yellow (39%)

Blue (58%)

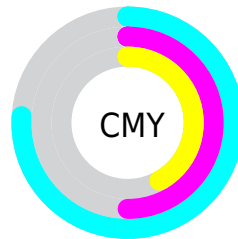


Cyan (59%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (50%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D8095 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 3D8095 by changing the saturation by 10% instead.



■ 3D8095

■ 3D8095

FFFFFF

■ 1E677B

■ 74B5CB

■ 004F62

■ 90D0E7

■ 00384A

■ ACEDFF

■ 002234

■ C9FFFF

■ 00031F

■ E6FFFF

■ 000002

■ 000000

■ 3D8095

■ 3D8095

■ 2E7C95

■ 4C8495

■ 1F7995

■ 5B8795

■ 107595

■ 6A8B95

■ 017295

■ 798E95

■ 007195

■ 889295

■ 969595

■ A59995

■ B49C95

■ C3A095

# Harmonies

## Analogous

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



3A8284



3D8095



547B9E

# Triad

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



3D8095



9A697F



787A52

# Complementary

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



3D8095



95523D

# 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.



8B7451



3D8095



9F696B

# Square

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



3D8095



8A6E91



996E5A



617F5E

# Rectangle

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



3D8095



68779E



996E5A



7F7851



# Sweetspot

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



3D8095



9FB9C2



3D9552



4C5C61



E0E0E0



616161



# Same Dimension

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



3D8095



38A1C2



3D5495



43484A



00698A



00080A



# Inverse Universe

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



953D80



C238A1



957E3D



4A4348



8A0069

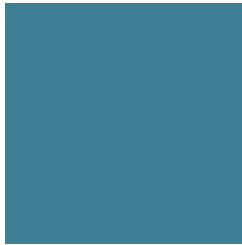


0A0008



# Previews

## White Background



This preview shows how the Hex color 3D8095 looks on a white background.

## Color Contrast Check

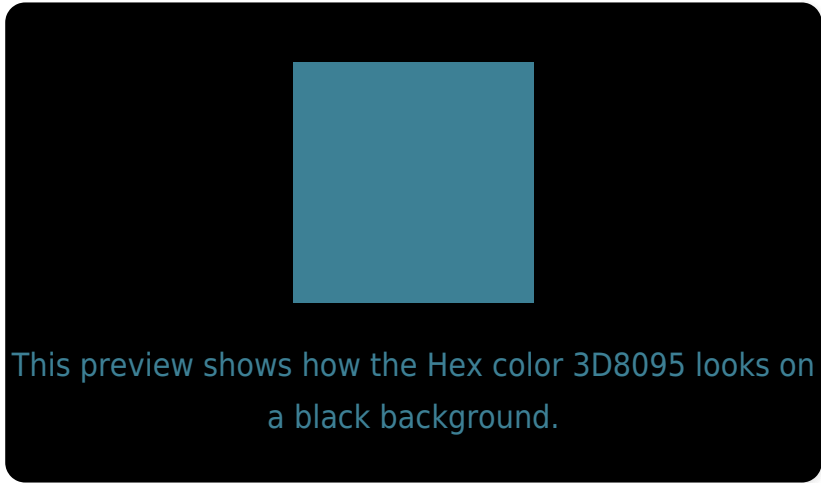
Large Text (above 18pt) WCAG AA ✓ Pass

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

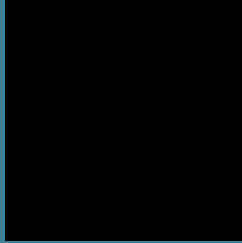
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3D8095 Background



This preview shows how black text looks on a background with the Hex color 3D8095.




This preview shows how white text looks on a background with the Hex color 3D8095.

# 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**  
39828C

# Trichromacy



**Original Color**  
3D8095

**Protanomaly**  
5F7A91

**Deuteranomaly**  
5E7996

**Tritanomaly**  
3A818F

# Monochromacy



**Original Color**  
3D8095

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
5C757C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D8095 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 #3D8095 looks like.

```
.text, #text, p{  
    color:#3D8095  
}
```

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 #3D8095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8095
}
```

## Border

The CSS property to change the border of an element to Hex 3D8095 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
#3D8095 }
```

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

```
.border{ border-color:#3D8095 }
```

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

Here you see how a box with a 4 pixel #3D8095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8095; -webkit-box-shadow:4px 4px  
4px 4px #3D8095; box-shadow:4px 4px 4px  
4px #3D8095 }
```

# Background

The CSS property to change the background color of an element to Hex 3D8095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8095 }
```

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

```
.background{ background-color:#3D8095 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor