

# Converting Colors

Hex(3F92A3)

Have a look what the booklet for  
Hex(3F92A3) contains.

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# Color

Hex(3F92A3)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F92A3
RGB	63, 146, 163
RGB Percent	25%, 57%, 64%
CMY	0.7529, 0.4275, 0.3608
CMYK	0.61, 0.10, 0.00, 0.36
HSL	190°, 44%, 44%
HSV	190°, 61%, 64%
XYZ	18.9396, 24.2589, 38.3345
YIQ	123.1210, -54.9250, -12.3090

# Conversions

## Conversions Part 2

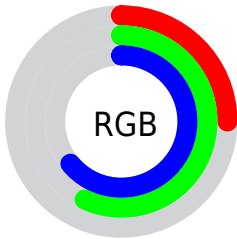
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 108, 163
Decimal	4166307
CIE <sub>Lab</sub>	56.35, -19.79, -16.49
CIE <sub>LCh</sub>	56, 25.761, 219.797
Y <sub>xy</sub>	24.2589, 0.2323, 0.2975
Android (android.graphics.Color)	4282356387 (0xFF3F92A3)
Y <sub>UV</sub>	123.1210, 19.6603, -52.7261
Hunter-Lab	49.2533, -17.5537, -11.6689

# Details

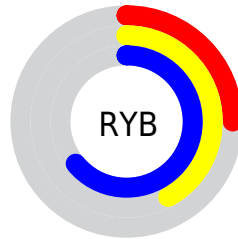
The Hex color **3F92A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A3503F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **79C8DA**, and **005F6F** is the 20% darker color. If you saturate the color by 10%, you get **2F8FA3**, and if you desaturate by 10%, it is **4F95A3**.

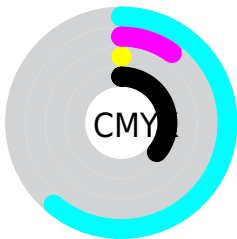
# Distribution



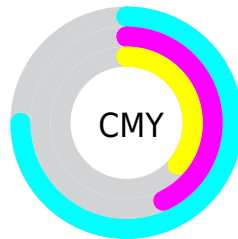
- Red (25%)
- Green (57%)
- Blue (64%)



- Red (25%)
- Yellow (42%)
- Blue (64%)



- Cyan (61%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (75%)
- Magenta (43%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F92A3 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 3F92A3 by changing the saturation by 10% instead.



3F92A3

3F92A3

FFFFFF

1D7889

79C8DA

005F6F

95E4F6

004757

B1FFFF

003140

CEFFFF

001D29

ECFFFF

000115

000000

3F92A3

3F92A3

2F8FA3

4F95A3

■ 1E8CA3

■ 6098A3

■ 0E8AA3

■ 709AA3

■ 0087A3

■ 809DA3

■ 91A0A3

■ A1A3A3

■ B1A5A3

■ C1A8A3

■ D2ABA3

# Harmonies

## Analogous

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



45948E



3F92A3



548EB1

# Triad

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



3F92A3



AA7897



8F885B

# Complementary

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



3F92A3



A3503F

# 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.



A4815E



3F92A3



B47680

# Square

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



3F92A3



947FAA



B17A6B



778E64

# Rectangle

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



3F92A3



6989B4



B17A6B



97865A



# Sweetspot

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



3F92A3



AECDD4



3FA350



54676B



EBEBEB



6B6B6B



# Same Dimension

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



3F92A3



37B9D4



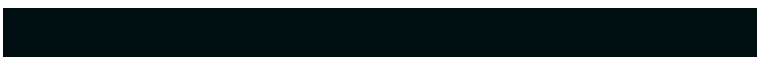
3F60A3



495052



007991



000F12



# Inverse Universe

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



A33F92



D437B9



A3823F



524950



910079

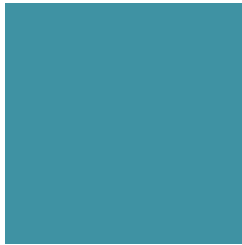


12000F



# Previews

## White Background



This preview shows how the Hex color 3F92A3 looks on a white background.

## Color Contrast Check

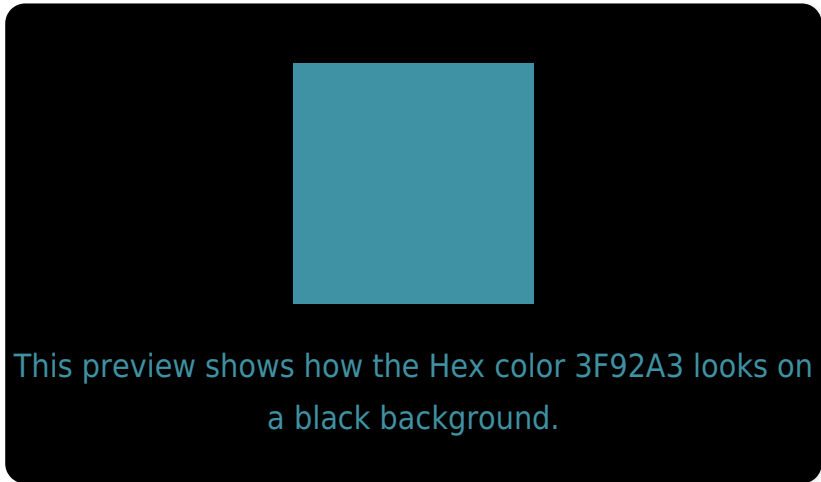
Large Text (above 18pt) WCAG AA ✓ Pass

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

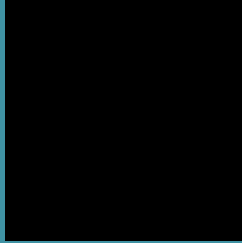
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3F92A3 Background



This preview shows how black text looks on a background with the Hex color 3F92A3.



This preview shows how white text looks on a background with the Hex color 3F92A3.

# 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**  
3D939F

# Trichromacy



**Original Color**  
3F92A3

**Protanomaly**  
6A8A9D

**Deuteranomaly**  
6A89A5

**Tritanomaly**  
3E93A0

# Monochromacy



**Original Color**  
3F92A3

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
65838A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F92A3 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 #3F92A3 looks like.

```
.text, #text, p{  
    color:#3F92A3  
}
```

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 #3F92A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F92A3
}
```

## Border

The CSS property to change the border of an element to Hex 3F92A3 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
#3F92A3 }
```

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

```
.border{ border-color:#3F92A3 }
```

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

Here you see how a box with a 4 pixel #3F92A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F92A3; -webkit-box-shadow:4px 4px  
4px 4px #3F92A3; box-shadow:4px 4px 4px  
4px #3F92A3 }
```

# Background

The CSS property to change the background color of an element to Hex 3F92A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F92A3 }
```

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

```
.background{ background-color:#3F92A3 }
```

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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