

Converting Colors

Hex(3F91A6)

Have a look what the booklet for
Hex(3F91A6) contains.

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Color

Hex(3F91A6)

Conversions

Conversions Part 1

Format	Color
Hex	3F91A6
RGB	63, 145, 166
RGB Percent	25%, 57%, 65%
CMY	0.7529, 0.4314, 0.3490
CMYK	0.62, 0.13, 0.00, 0.35
HSL	192°, 45%, 45%
HSV	192°, 62%, 65%
XYZ	19.0582, 24.0607, 39.7161
YIQ	122.8760, -55.6130, -10.8530

Conversions

Conversions Part 2

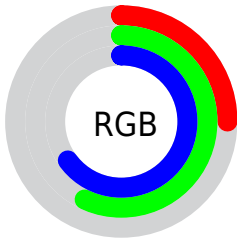
Format	Color
RYB	63, 109, 166
Decimal	4166054
CIELab	56.15, -18.33, -18.51
CIELCh	56, 26.049, 225.269
Yxy	24.0607, 0.2301, 0.2905
Android (android.graphics.Color)	4282356134 (0xFF3F91A6)
YUV	122.8760, 21.2601, -52.5113
Hunter-Lab	49.0517, -16.4874, -13.6696

Details

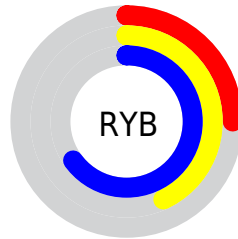
The Hex color **3F91A6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A6543F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **79C7DD**, and **005E72** is the 20% darker color. If you saturate the color by 10%, you get **2E8EA6**, and if you desaturate by 10%, it is **5094A6**.

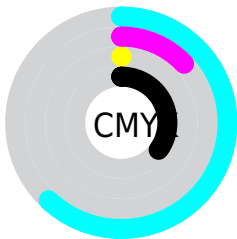
Distribution



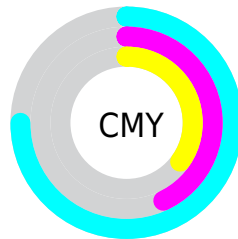
- Red (25%)
- Green (57%)
- Blue (65%)



- Red (25%)
- Yellow (43%)
- Blue (65%)



- Cyan (62%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (75%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F91A6 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 3F91A6 by changing the saturation by 10% instead.

3F91A6

3F91A6

FFFFFF

1C778C

79C7DD

005E72

95E3FA

00475A

B2FFFF

003042

CFFFFFF

001C2C

ECFFFF

000117

000000

3F91A6

3F91A6

2E8EA6

5094A6

1E8AA6

6098A6

0D87A6

719BA6

0084A6

819FA6

92A2A6

A3A5A6

B3A9A6

C4ACA6

D4AFA6

Harmonies

Analogous

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



419392



3F91A6



588CB2

Triad

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



3F91A6



AC7793



8B895B

Complementary

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



3F91A6



A6543F

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.



A0815B



3F91A6



B4767C

Square

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



3F91A6



987DA7



AF7A67



718F66

Rectangle

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



3F91A6



6F87B3



AF7A67



928659

Sweetspot

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



3F91A6



B0D0D9



3FA654



54696E



EDEDED



6E6E6E

Same Dimension

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



3F91A6



38B8D9



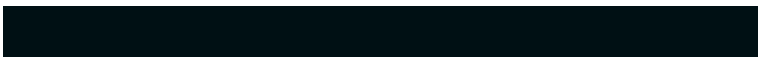
3F5EA6



4C5254



007694



001014

Inverse Universe

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



A63F91



D938B8



A6873F



544C52



940076



140010

Previews

White Background



This preview shows how the Hex color 3F91A6 looks on a white background.

Color Contrast Check

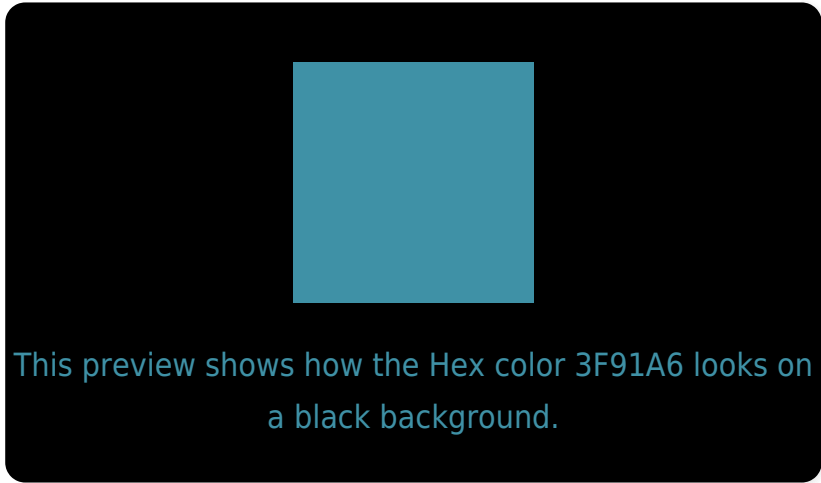
Large Text (above 18pt) WCAG AA ✓ Pass

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

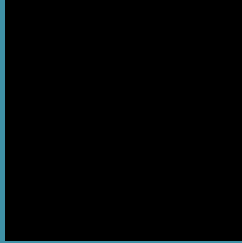
Any Text WCAG AA ✓ Pass

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 3F91A6 Background



This preview shows how black text looks on a background with the Hex color 3F91A6.

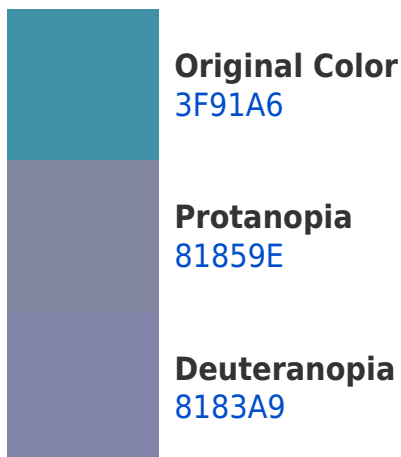


This preview shows how white text looks on a background with the Hex color 3F91A6.

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](#).

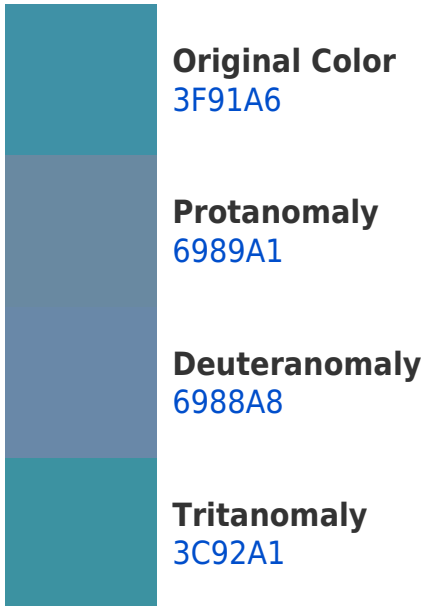
Dichromacy



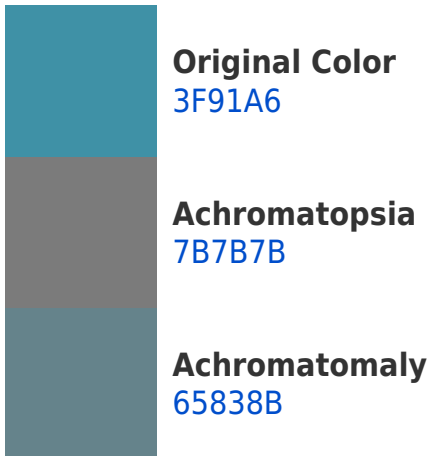


Tritanopia
3B929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F91A6 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 #3F91A6 looks like.

```
.text, #text, p{  
    color:#3F91A6  
}
```

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 #3F91A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F91A6
}
```

Border

The CSS property to change the border of an element to Hex 3F91A6 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
#3F91A6 }
```

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

```
.border{ border-color:#3F91A6 }
```

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

Here you see how a box with a 4 pixel #3F91A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F91A6; -webkit-box-shadow:4px 4px  
4px 4px #3F91A6; box-shadow:4px 4px 4px  
4px #3F91A6 }
```

Background

The CSS property to change the background color of an element to Hex 3F91A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F91A6 }
```

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

```
.background{ background-color:#3F91A6 }
```

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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