

Converting Colors

Hex(3F649A)

Have a look what the booklet for
Hex(3F649A) contains.

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Color

Hex(3F649A)

Conversions

Conversions Part 1

Format	Color
Hex	3F649A
RGB	63, 100, 154
RGB Percent	25%, 39%, 60%
CMY	0.7529, 0.6078, 0.3961
CMYK	0.59, 0.35, 0.00, 0.40
HSL	216°, 42%, 43%
HSV	216°, 59%, 60%
XYZ	12.4398, 12.5042, 32.3298
YIQ	95.0930, -39.3860, 8.9500

Conversions

Conversions Part 2

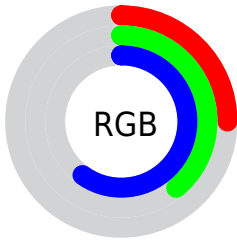
Format	Color
R_{YB}	63, 89, 154
Decimal	4154522
CIE _{Lab}	42.01, 3.83, -33.42
CIE _{LCh}	42, 33.635, 276.543
Yxy	12.5042, 0.2172, 0.2183
Android (android.graphics.Color)	4282344602 (0xFF3F649A)
YUV	95.0930, 29.0412, -28.1456
Hunter-Lab	35.3613, 0.9126, -29.4542

Details

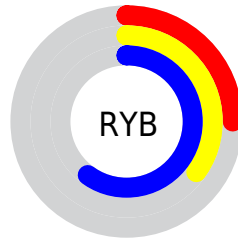
The Hex color **3F649A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A753F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7697D1**, and **003666** is the 20% darker color. If you saturate the color by 10%, you get **305B9A**, and if you desaturate by 10%, it is **4E6D9A**.

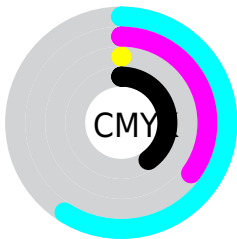
Distribution



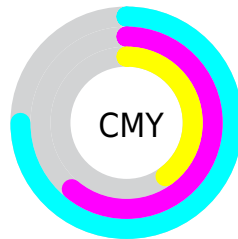
- Red (25%)
- Green (39%)
- Blue (60%)



- Red (25%)
- Yellow (35%)
- Blue (60%)



- Cyan (59%)
- Magenta (35%)
- Yellow (0%)
- Black (40%)



- Cyan (75%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F649A 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 3F649A by changing the saturation by 10% instead.

■ 3F649A

■ 3F649A

FFFFFF

■ 214C80

■ 7697D1

■ 003666

■ 91B1ED

■ 00214E

■ ADCDFF

■ 000937

■ CAE9FF

■ 000221

■ E7FFFF

■ 000006

■ 000000

■ 3F649A

■ 3F649A

■ 305B9A

■ 4E6D9A

■ 20529A

■ 5E769A

■ 11499A

■ 6D7F9A

■ 013F9A

■ 7D899A

■ 003F9A

■ 8C929A

■ 9B9B9A

■ ABA49A

■ BAAD9A

■ CAB69A

Harmonies

Analogous

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



006C95



3F649A



6D5990

Triad

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



3F649A



945044



2A704C

Complementary

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



3F649A



9A753F

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.



506B35



3F649A



855A30

Square

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



3F649A



974C5E



6E642A



007169

Rectangle

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



3F649A



825382



6E642A



396E43

Sweetspot

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



3F649A



A5B4C9



3F9A74



505966



E6E6E6



666666

Same Dimension

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



3F649A



3A75C9



473F9A



45484D



00398C



00050D

Inverse Universe

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



9A3F64



C93A75



929A3F



4D4548



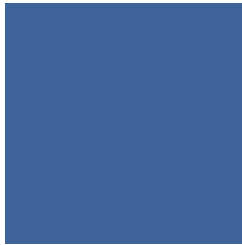
8C0039



0D0005

Previews

White Background



This preview shows how the Hex color 3F649A looks on a white background.

Color Contrast Check

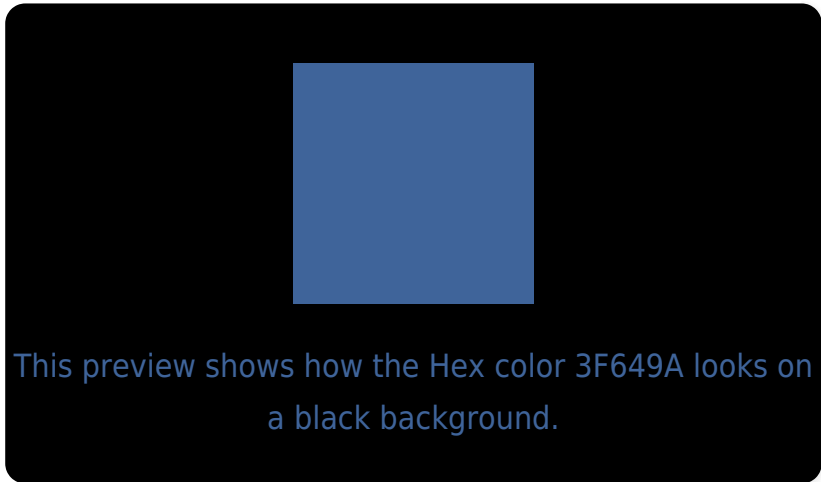
Large Text (above 18pt) WCAG AA ✓ Pass

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

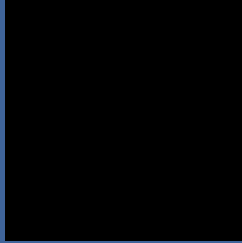
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3F649A Background



This preview shows how black text looks on a background with the Hex color 3F649A.



This preview shows how white text looks on a background with the Hex color 3F649A.

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
3F649A

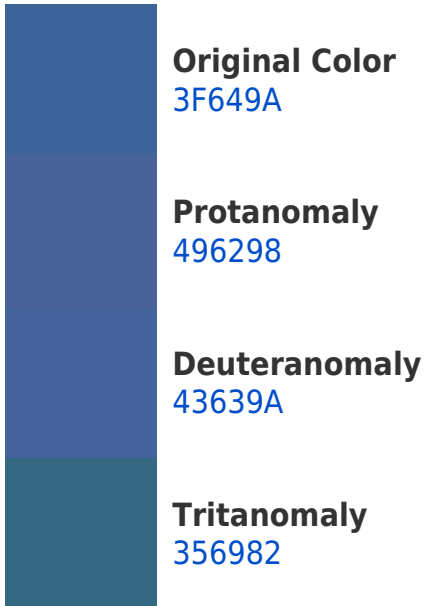
Protanopia
4F6197

Deuteranopia
45639A

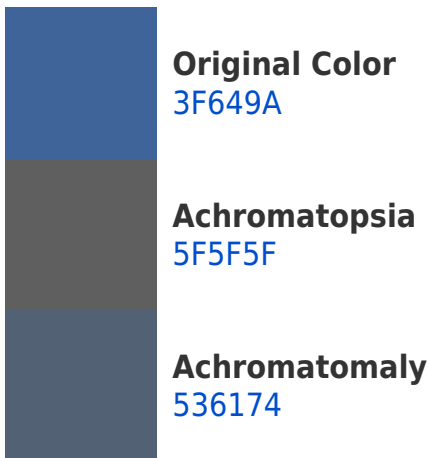


Tritanopia
2F6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F649A 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 #3F649A looks like.

```
.text, #text, p{  
    color:#3F649A  
}
```

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 #3F649A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F649A
}
```

Border

The CSS property to change the border of an element to Hex 3F649A 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
#3F649A }
```

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

```
.border{ border-color:#3F649A }
```

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

Here you see how a box with a 4 pixel #3F649A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F649A; -webkit-box-shadow:4px 4px  
4px 4px #3F649A; box-shadow:4px 4px 4px  
4px #3F649A }
```

Background

The CSS property to change the background color of an element to Hex 3F649A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F649A }
```

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

```
.background{ background-color:#3F649A }
```

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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