

Converting Colors

Hex(3F63A2)

Have a look what the booklet for
Hex(3F63A2) contains.

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Color

Hex(3F63A2)

Conversions

Conversions Part 1

Format	Color
Hex	3F63A2
RGB	63, 99, 162
RGB Percent	25%, 39%, 64%
CMY	0.7529, 0.6118, 0.3647
CMYK	0.61, 0.39, 0.00, 0.36
HSL	218°, 44%, 44%
HSV	218°, 61%, 64%
XYZ	13.0333, 12.5891, 35.9254
YIQ	95.4180, -41.6790, 11.9610

Conversions

Conversions Part 2

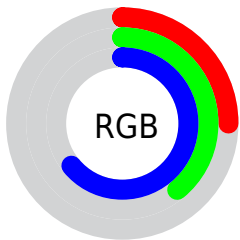
Format	Color
R_{YB}	63, 89, 162
Decimal	4154274
CIE _{Lab}	42.14, 7.24, -37.96
CIE _{LCh}	42, 38.649, 280.801
Yxy	12.5891, 0.2118, 0.2045
Android (android.graphics.Color)	4282344354 (0xFF3F63A2)
YUV	95.4180, 32.8249, -28.4306
Hunter-Lab	35.4811, 3.4768, -35.1957

Details

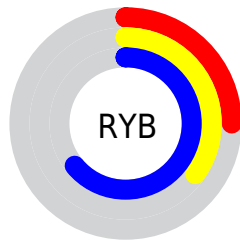
The Hex color **3F63A2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A27E3F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7795D9**, and **00356E** is the 20% darker color. If you saturate the color by 10%, you get **2F59A2**, and if you desaturate by 10%, it is **4F6DA2**.

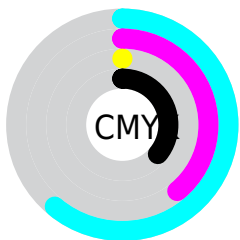
Distribution



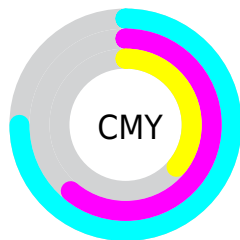
- Red (25%)
- Green (39%)
- Blue (64%)



- Red (25%)
- Yellow (35%)
- Blue (64%)



- Cyan (61%)
- Magenta (39%)
- Yellow (0%)
- Black (36%)



- Cyan (75%)
- Magenta (61%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F63A2 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 3F63A2 by changing the saturation by 10% instead.

■ 3F63A2

■ 3F63A2

FFFFFF

■ 1F4B87

■ 7795D9

■ 00356E

■ 93B0F6

■ 002055

■ AFCBFF

■ 00083E

■ CCE7FF

■ 000327

■ E9FFFF

■ 000110

■ 000000

■ 3F63A2

■ 3F63A2

■ 2F59A2

■ 4F6DA2

■ 1F4EA2

■ 5F78A2

■ 0E44A2

■ 7082A2

■ 003BA2

■ 808CA2

■ 9097A2

■ A0A1A2

■ B0ABA2

■ C1B5A2

■ D1C0A2

Harmonies

Analogous

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



006C9F



3F63A2



755694

Triad

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



3F63A2



994E3B



09724D

Complementary

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



3F63A2



A27E3F

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.



486D31



3F63A2



865A26

Square

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



3F63A2



9E4759



6A6521



00736E

Rectangle

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



3F63A2



8B4E83



6A6521



287143

Sweetspot

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



3F63A2



AEBBD4



3FA27E



545C6B



EBEBEB



6B6B6B

Same Dimension

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



3F63A2



3971D4



4C3FA2



494C52



003591



000612

Inverse Universe

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



A23F63



D43971



95A23F



52494C



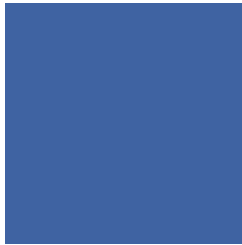
910035



120006

Previews

White Background



This preview shows how the Hex color 3F63A2 looks on a white background.

Color Contrast Check

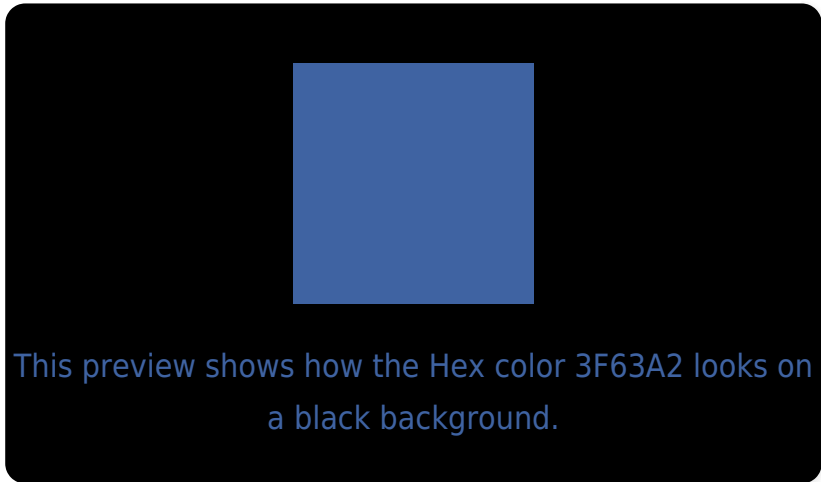
Large Text (above 18pt) WCAG AA ✓ Pass

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

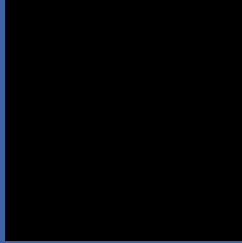
Any Text WCAG AA × Fail

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 3F63A2 Background



This preview shows how black text looks on a background with the Hex color 3F63A2.



This preview shows how white text looks on a background with the Hex color 3F63A2.

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
3F63A2

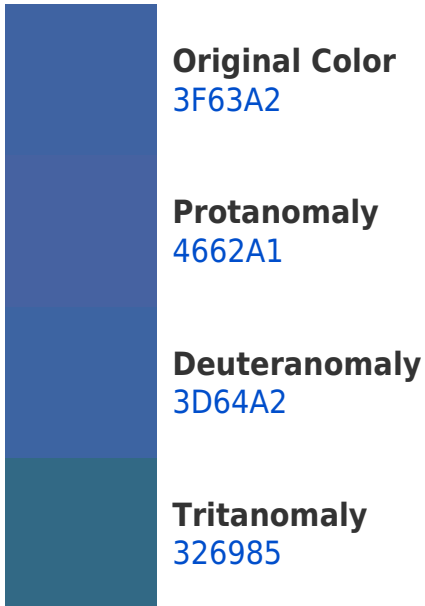
Protanopia
4A61A0

Deuteranopia
3C64A2



Tritanopia
2A6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F63A2 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 #3F63A2 looks like.

```
.text, #text, p{  
    color:#3F63A2  
}
```

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 #3F63A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F63A2
}
```

Border

The CSS property to change the border of an element to Hex 3F63A2 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
#3F63A2 }
```

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

```
.border{ border-color:#3F63A2 }
```

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

Here you see how a box with a 4 pixel #3F63A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F63A2; -webkit-box-shadow:4px 4px  
4px 4px #3F63A2; box-shadow:4px 4px 4px  
4px #3F63A2 }
```

Background

The CSS property to change the background color of an element to Hex 3F63A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F63A2 }
```

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

```
.background{ background-color:#3F63A2 }
```

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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