

Converting Colors

Hex(3F628D)

Have a look what the booklet for
Hex(3F628D) contains.

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Color

Hex(3F628D)

Conversions

Conversions Part 1

Format	Color
Hex	3F628D
RGB	63, 98, 141
RGB Percent	25%, 38%, 55%
CMY	0.7529, 0.6157, 0.4471
CMYK	0.55, 0.30, 0.00, 0.45
HSL	213°, 38%, 40%
HSV	213°, 55%, 55%
XYZ	11.2253, 11.7152, 26.8689
YIQ	92.4370, -34.6630, 5.9530

Conversions

Conversions Part 2

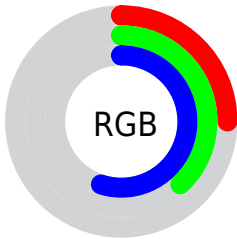
Format	Color
R_{YB}	63, 87, 141
Decimal	4153997
CIE Lab	40.76, 0.66, -27.59
CIE LCh	41, 27.593, 271.370
Yxy	11.7152, 0.2254, 0.2352
Android (android.graphics.Color)	4282344077 (0xFF3F628D)
YUV	92.4370, 23.9416, -25.8162
Hunter-Lab	34.2275, -1.3570, -22.5840

Details

The Hex color **3F628D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D6A3F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7494C3**, and **00345B** is the 20% darker color. If you saturate the color by 10%, you get **315A8D**, and if you desaturate by 10%, it is **4D6A8D**.

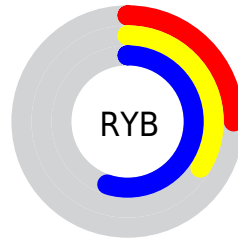
Distribution



Red (25%)

Green (38%)

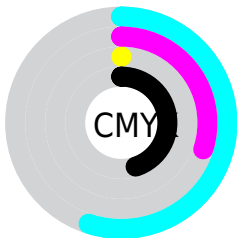
Blue (55%)



Red (25%)

Yellow (34%)

Blue (55%)

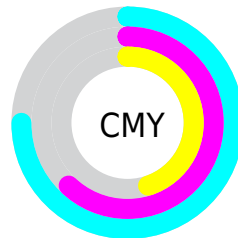


Cyan (55%)

Magenta (30%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F628D 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 3F628D by changing the saturation by 10% instead.

■ 3F628D

■ 3F628D

FFFFFF

■ 234A73

■ 7494C3

■ 00345B

■ 8FAFDF

■ 001F43

■ ABCAFC

■ 00052D

■ C7E6FF

■ 000117

■ E3FFFF

■ 000000

■ 3F628D

■ 3F628D

■ 315A8D

■ 4D6A8D

■ 23528D

■ 5B728D

■ 154B8D

■ 69798D

■ 07438D

■ 77818D

■ 003F8D

■ 86898D

■ 94918D

■ A2988D

■ B0A08D

■ BEA88D

Harmonies

Analogous

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



066887



3F628D



645A87

Triad

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



3F628D



8A504A



3A6A4A

Complementary

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



3F628D



8D6A3F

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.



566639



3F628D



805739

Square

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



3F628D



8A4E60



6D5F32



146C60

Rectangle

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



3F628D



76547D



6D5F32



446943

Sweetspot

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



3F628D



98A6B8



3F8D6A



49525C



DBDBDB



5C5C5C

Same Dimension

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



3F628D



3E75B8



433F8D



404347



003D87



000308

Inverse Universe

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



8D3F62



B83E75



898D3F



474043



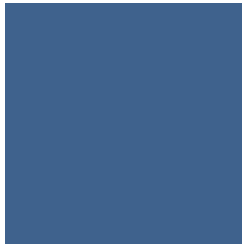
87003D



080003

Previews

White Background



This preview shows how the Hex color 3F628D looks on a white background.

Color Contrast Check

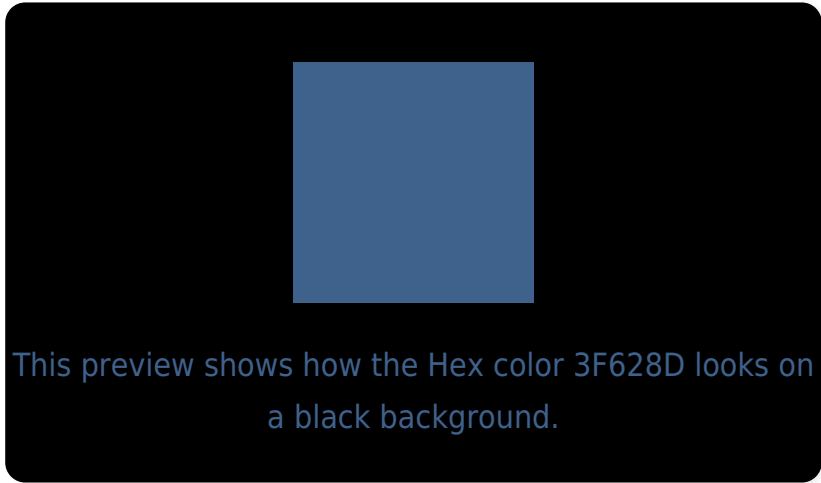
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F628D Background



This preview shows how black text looks on a background with the Hex color 3F628D.



This preview shows how white text looks on a background with the Hex color 3F628D.

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
3F628D

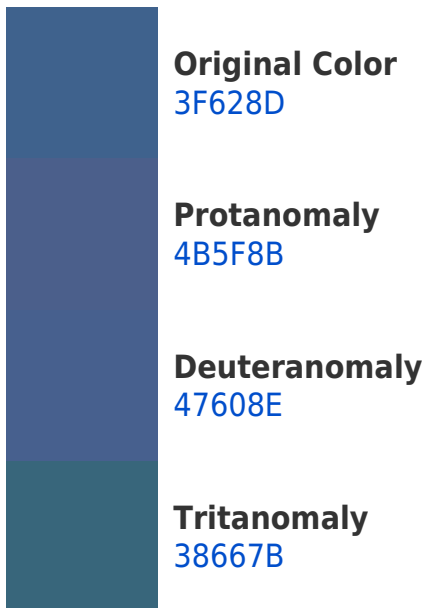
Protanopia
525E8A

Deuteranopia
4C5F8E



Tritanopia
346870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F628D 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 #3F628D looks like.

```
.text, #text, p{  
    color:#3F628D  
}
```

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 #3F628D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F628D
}
```

Border

The CSS property to change the border of an element to Hex 3F628D is called "border". The border property can be set on classes, ids or directly on the HTML element.

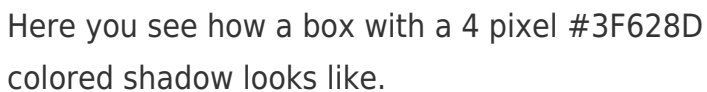
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F628D }
```

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

```
.border{ border-color:#3F628D }
```

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



Here you see how a box with a 4 pixel #3F628D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F628D; -webkit-box-shadow:4px 4px  
4px 4px #3F628D; box-shadow:4px 4px 4px  
4px #3F628D }
```

Background

The CSS property to change the background color of an element to Hex 3F628D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F628D }
```

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

```
.background{ background-color:#3F628D }
```

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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