

Converting Colors

Hex(3D688F)

Have a look what the booklet for
Hex(3D688F) contains.

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Color

Hex(3D688F)

Conversions

Conversions Part 1

Format	Color
Hex	3D688F
RGB	61, 104, 143
RGB Percent	24%, 41%, 56%
CMY	0.7608, 0.5922, 0.4392
CMYK	0.57, 0.27, 0.00, 0.44
HSL	209°, 40%, 40%
HSV	209°, 57%, 56%
XYZ	11.8327, 12.8759, 27.8482
YIQ	95.5890, -38.1470, 3.0130

Conversions

Conversions Part 2

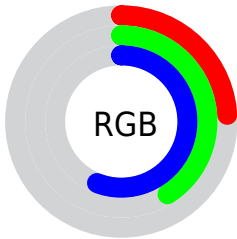
Format	Color
R _Y B	61, 89, 143
Decimal	4024463
CIE Lab	42.58, -2.82, -25.96
CIE LCh	43, 26.113, 263.801
Yxy	12.8759, 0.2251, 0.2450
Android (android.graphics.Color)	4282214543 (0xFF3D688F)
YUV	95.5890, 23.3736, -30.3346
Hunter-Lab	35.8830, -3.9334, -20.8960

Details

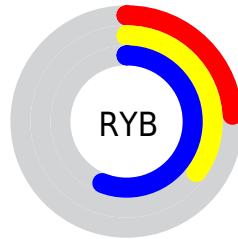
The Hex color **3D688F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F643D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **739BC5**, and **00395C** is the 20% darker color. If you saturate the color by 10%, you get **2F618F**, and if you desaturate by 10%, it is **4B6F8F**.

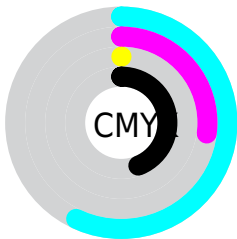
Distribution



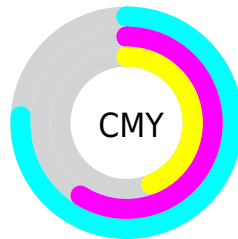
- Red (24%)
- Green (41%)
- Blue (56%)



- Red (24%)
- Yellow (35%)
- Blue (56%)



- Cyan (57%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (76%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D688F 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 3D688F by changing the saturation by 10% instead.

■ 3D688F

■ 3D688F

FFFFFF

■ 205075

■ 739BC5

■ 00395C

■ 8EB6E1

■ 002445

■ A9D1FE

■ 000E2E

■ C6EEFF

■ 000119

■ E2FFFF

■ 000000

■ 3D688F

■ 3D688F

■ 2F618F

■ 4B6F8F

■ 205A8F

■ 5A768F

■ 12548F

■ 687C8F

■ 044D8F

■ 76838F

■ 004B8F

■ 858A8F

■ 93918F

■ A1988F

■ AF9E8F

■ BEA58F

Harmonies

Analogous

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



146D87



3D688F



60618C

Triad

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



3D688F



8E5554



486D4A

Complementary

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



3D688F



8F643D

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.



61683C



3D688F



875A43

Square

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



3D688F



8B546A



776239



2B705F

Rectangle

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



3D688F



745B84



776239



516C45

Sweetspot

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



3D688F



9BABBA



3D8F63



4B555E



DEDEDE



5E5E5E

Same Dimension

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



3D688F



3A7DBA



3D408F



404447



004787



000408

Inverse Universe

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



8F3D68



BA3A7D



8F8C3D



474044



870047



080004

Previews

White Background



This preview shows how the Hex color 3D688F looks on a white background.

Color Contrast Check

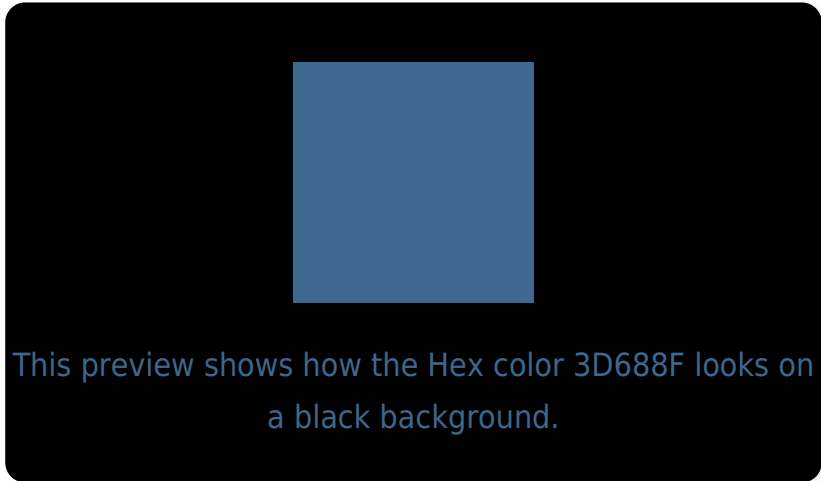
Large Text (above 18pt) WCAG AA ✓ Pass

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

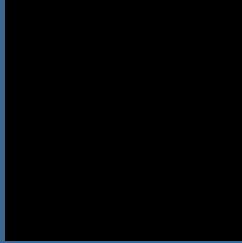
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

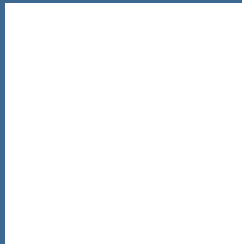
Any Text WCAG AAA × Fail

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

Hex 3D688F Background



This preview shows how black text looks on a background with the Hex color 3D688F.

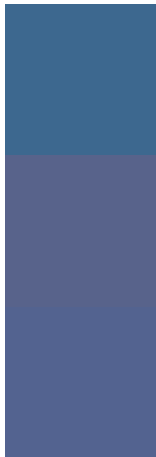


This preview shows how white text looks on a background with the Hex color 3D688F.

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
3D688F

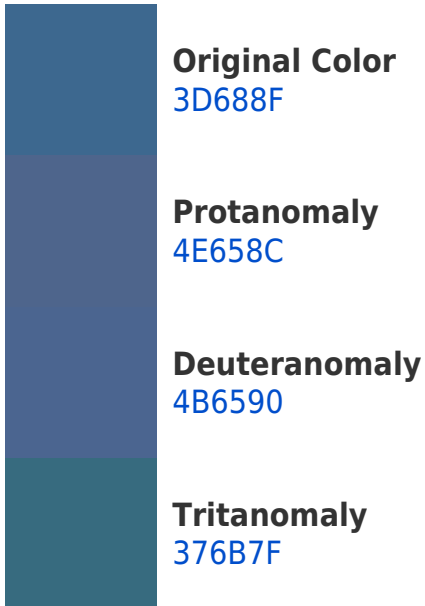
Protanopia
58638B

Deuteranopia
536390



Tritanopia
336D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D688F 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 #3D688F looks like.

```
.text, #text, p{  
    color:#3D688F  
}
```

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 #3D688F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D688F
}
```

Border

The CSS property to change the border of an element to Hex 3D688F 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
#3D688F }
```

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

```
.border{ border-color:#3D688F }
```

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

Here you see how a box with a 4 pixel #3D688F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D688F; -webkit-box-shadow:4px 4px  
4px 4px #3D688F; box-shadow:4px 4px 4px  
4px #3D688F }
```

Background

The CSS property to change the background color of an element to Hex 3D688F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D688F }
```

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

```
.background{ background-color:#3D688F }
```

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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