

Converting Colors

Hex(40688F)

Have a look what the booklet for
Hex(40688F) contains.

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Color

Hex(40688F)

Conversions

Conversions Part 1

Format	Color
Hex	40688F
RGB	64, 104, 143
RGB Percent	25%, 41%, 56%
CMY	0.7490, 0.5922, 0.4392
CMYK	0.55, 0.27, 0.00, 0.44
HSL	210°, 38%, 41%
HSV	210°, 55%, 56%
XYZ	12.0226, 12.9738, 27.8571
YIQ	96.4860, -36.3590, 3.6490

Conversions

Conversions Part 2

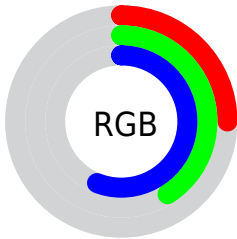
Format	Color
R_{YB}	64, 91, 143
Decimal	4221071
CIE _{Lab}	42.72, -2.13, -25.72
CIE _{LCh}	43, 25.807, 265.267
Yxy	12.9738, 0.2275, 0.2455
Android (android.graphics.Color)	4282411151 (0xFF40688F)
YUV	96.4860, 22.9314, -28.4902
Hunter-Lab	36.0191, -3.4532, -20.6414

Details

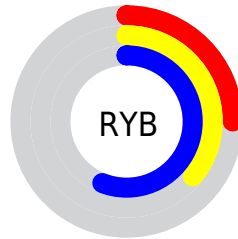
The Hex color **40688F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F6740**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **759BC5**, and **00395C** is the 20% darker color. If you saturate the color by 10%, you get **32618F**, and if you desaturate by 10%, it is **4E6F8F**.

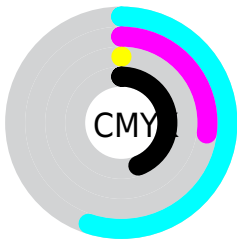
Distribution



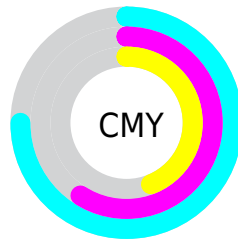
- Red (25%)
- Green (41%)
- Blue (56%)



- Red (25%)
- Yellow (36%)
- Blue (56%)



- Cyan (55%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (75%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40688F 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 40688F by changing the saturation by 10% instead.



40688F



40688F

FFFFFF



245075



759BC5



00395C



90B6E1



002445



ACD1FE



000E2E



C8EEFF



000119



E5FFFF



000000



40688F



40688F



32618F



4E6F8F



235A8F



5D768F

■ 15538F

■ 6B7D8F

■ 074C8F

■ 79848F

■ 00488F

■ 888B8F

■ 96928F

■ A4998F

■ B2A08F

■ C1A88F

Harmonies

Analogous

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



196D87



40688F



62618B

Triad

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



40688F



8E5554



486E4C

Complementary

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



40688F



8F6740

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.



60693E



40688F



865B43

Square

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



40688F



8B5569



76623A



2B7061

Rectangle

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



40688F



755B83



76623A



506C46

Sweetspot

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



40688F



9BABBA



408F66



4B555E



DEDEDE



5E5E5E

Same Dimension

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



40688F



3F7DBA



40418F



404447



004487



000408

Inverse Universe

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



8F4068



BA3F7D



8F8E40



474044



870044



080004

Previews

White Background



This preview shows how the Hex color 40688F looks on a white background.

Color Contrast Check

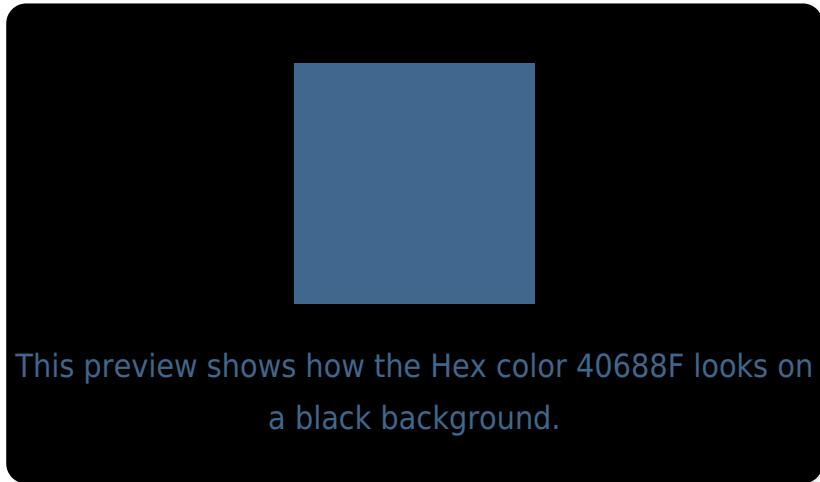
Large Text (above 18pt) WCAG AA ✓ Pass

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 40688F Background



This preview shows how black text looks on a background with the Hex color 40688F.

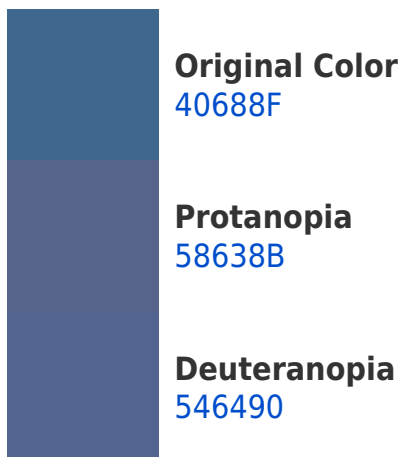



This preview shows how white text looks on a background with the Hex color 40688F.

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](#).

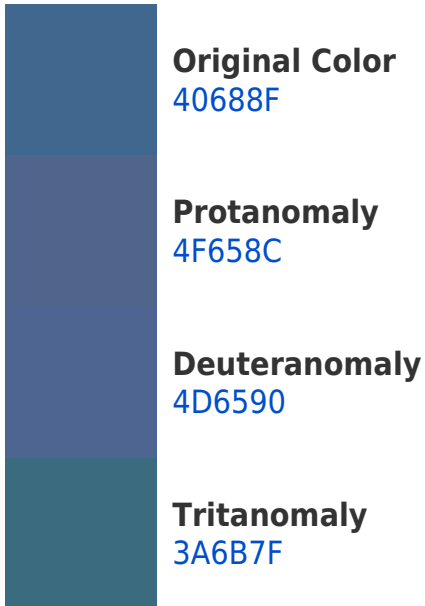
Dichromacy





Tritanopia
366D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40688F 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 #40688F looks like.

```
.text, #text, p{  
    color:#40688F  
}
```

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 #40688F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40688F
}
```

Border

The CSS property to change the border of an element to Hex 40688F is called "border". The border property can be set on classes, ids or directly on the HTML element.

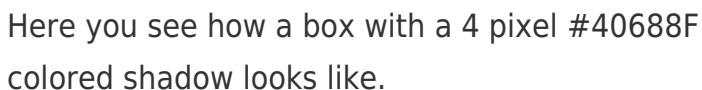
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40688F }
```

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

```
.border{ border-color:#40688F }
```

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



Here you see how a box with a 4 pixel #40688F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40688F; -webkit-box-shadow:4px 4px  
4px 4px #40688F; box-shadow:4px 4px 4px  
4px #40688F }
```

Background

The CSS property to change the background color of an element to Hex 40688F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40688F }
```

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

```
.background{ background-color:#40688F }
```

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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