

Converting Colors

Hex(3D688C)

Have a look what the booklet for
Hex(3D688C) contains.

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Color

Hex(3D688C)

Conversions

Conversions Part 1

Format	Color
Hex	3D688C
RGB	61, 104, 140
RGB Percent	24%, 41%, 55%
CMY	0.7608, 0.5922, 0.4510
CMYK	0.56, 0.26, 0.00, 0.45
HSL	207°, 39%, 39%
HSV	207°, 56%, 55%
XYZ	11.6084, 12.7862, 26.6671
YIQ	95.2470, -37.1840, 2.0800

Conversions

Conversions Part 2

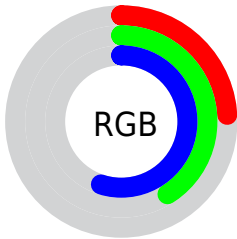
Format	Color
R_{YB}	61, 89, 140
Decimal	4024460
CIE _{Lab}	42.44, -3.82, -24.37
CIE _{LCh}	42, 24.672, 261.094
Yxy	12.7862, 0.2273, 0.2504
Android (android.graphics.Color)	4282214540 (0xFF3D688C)
YUV	95.2470, 22.0632, -30.0346
Hunter-Lab	35.7578, -4.6278, -19.1863

Details

The Hex color **3D688C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C613D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **729BC2**, and **00395A** is the 20% darker color. If you saturate the color by 10%, you get **2F628C**, and if you desaturate by 10%, it is **4B6E8C**.

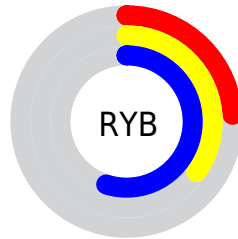
Distribution



Red (24%)

Green (41%)

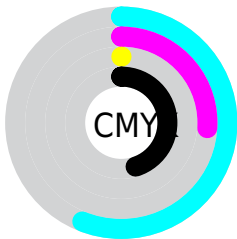
Blue (55%)



Red (24%)

Yellow (35%)

Blue (55%)

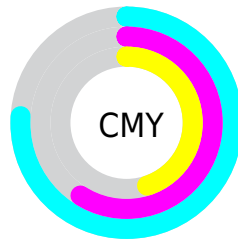


Cyan (56%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (76%)

Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D688C 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 3D688C by changing the saturation by 10% instead.

■ 3D688C

■ 3D688C

FFFFFF

■ 215072

■ 729BC2

■ 00395A

■ 8DB6DE

■ 002442

■ A9D1FA

■ 000E2C

■ C5EEFF

■ 000117

■ E2FFFF

■ 000000

■ 3D688C

■ 3D688C

■ 2F628C

■ 4B6E8C

■ 215B8C

■ 59758C

■ 13558C

■ 677B8C

■ 054E8C

■ 75828C

■ 004C8C

■ 83888C

■ 918E8C

■ 9F958C

■ AD9B8C

■ BBA18C

Harmonies

Analogous

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



1C6D83



3D688C



5E618A

Triad

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



3D688C



8C5557



4C6C4A

Complementary

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



3D688C



8C613D

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.



63673E



3D688C



865A45

Square

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



3D688C



88556B



77613C



326F5D

Rectangle

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



3D688C



705C83



77613C



546B45

Sweetspot

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



3D688C



96A7B5



3D8C61



49535C



DBDBDB



5C5C5C

Same Dimension

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



3D688C



3A7DB5



3D418C



3E4245



004885



000305

Inverse Universe

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



8C3D68



B53A7D



8C883D



453E42



850048



050003

Previews

White Background



This preview shows how the Hex color 3D688C looks on a white background.

Color Contrast Check

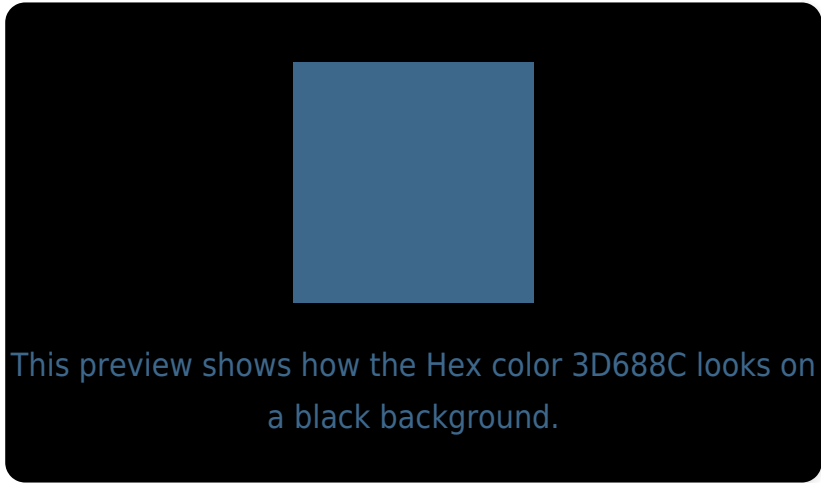
Large Text (above 18pt) WCAG AA ✓ Pass

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

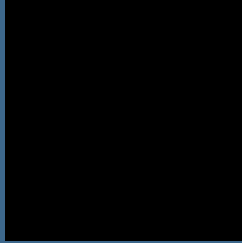
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

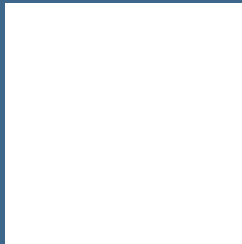
Any Text WCAG AAA × Fail

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

Hex 3D688C Background



This preview shows how black text looks on a background with the Hex color 3D688C.



This preview shows how white text looks on a background with the Hex color 3D688C.

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
346C75

Trichromacy



Original Color
3D688C

Protanomaly
4F6489

Deuteranomaly
4C658D

Tritanomaly
376B7D

Monochromacy



Original Color
3D688C

Achromatopsia
5F5F5F

Achromatomaly
53626F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D688C 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 #3D688C looks like.

```
.text, #text, p{  
    color:#3D688C  
}
```

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 #3D688C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D688C
}
```

Border

The CSS property to change the border of an element to Hex 3D688C 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
#3D688C }
```

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

```
.border{ border-color:#3D688C }
```

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

Here you see how a box with a 4 pixel #3D688C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D688C; -webkit-box-shadow:4px 4px  
4px 4px #3D688C; box-shadow:4px 4px 4px  
4px #3D688C }
```

Background

The CSS property to change the background color of an element to Hex 3D688C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D688C }
```

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

```
.background{ background-color:#3D688C }
```

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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