

Converting Colors

Hex(3A628C)

Have a look what the booklet for
Hex(3A628C) contains.

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Color

Hex(3A628C)

Conversions

Conversions Part 1

Format	Color
Hex	3A628C
RGB	58, 98, 140
RGB Percent	23%, 38%, 55%
CMY	0.7725, 0.6157, 0.4510
CMYK	0.59, 0.30, 0.00, 0.45
HSL	211°, 41%, 39%
HSV	211°, 59%, 55%
XYZ	10.8462, 11.5284, 26.4645
YIQ	90.8280, -37.3220, 4.5820

Conversions

Conversions Part 2

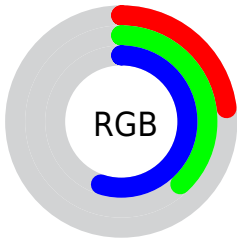
Format	Color
RYB	58, 85, 140
Decimal	3826316
CIELab	40.46, -0.83, -27.48
CIElCh	40, 27.488, 268.279
Yxy	11.5284, 0.2221, 0.2360
Android (android.graphics.Color)	4282016396 (0xFF3A628C)
YUV	90.8280, 24.2418, -28.7902
Hunter-Lab	33.9534, -2.3977, -22.4453

Details

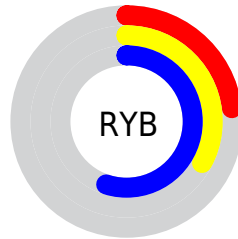
The Hex color **3A628C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C643A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7094C2**, and **00345A** is the 20% darker color. If you saturate the color by 10%, you get **2C5B8C**, and if you desaturate by 10%, it is **48698C**.

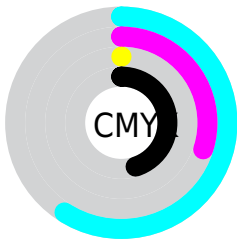
Distribution



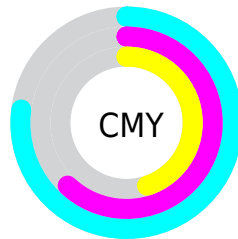
- Red (23%)
- Green (38%)
- Blue (55%)



- Red (23%)
- Yellow (33%)
- Blue (55%)



- Cyan (59%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (77%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A628C 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 3A628C by changing the saturation by 10% instead.

■ 3A628C

■ 3A628C

FFFFFF

■ 1D4A72

■ 7094C2

■ 00345A

■ 8BAFDE

■ 001F42

■ A6CAFA

■ 00052C

■ C2E6FF

■ 000116

■ DFFFFF

■ 000000

■ FCFFFF

■ 3A628C

■ 3A628C

■ 2C5B8C

■ 48698C

■ 1E548C

■ 56708C

■ 104C8C

■ 64788C

■ 02458C

■ 727F8C

■ 00448C

■ 80868C

■ 8E8D8C

■ 9C948C

■ AA9B8C

■ B8A38C

Harmonies

Analogous

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



006885



3A628C



605A87

Triad

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



3A628C



8A4F4B



3D6947

Complementary

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



3A628C



8C643A

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.



586437



3A628C



80563A

Square

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



3A628C



884E62



6F5E32



196B5D

Rectangle

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



3A628C



73547D



6F5E32



466841

Sweetspot

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



3A628C



94A4B5



3A8C63



48515C



DBDBDB



5C5C5C

Same Dimension

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



3A628C



3674B5



3A3A8C



3E4145



004185



000205

Inverse Universe

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



8C3A62



B53674



8C8C3A



453E41



850041



050002

Previews

White Background



This preview shows how the Hex color 3A628C looks on a white background.

Color Contrast Check

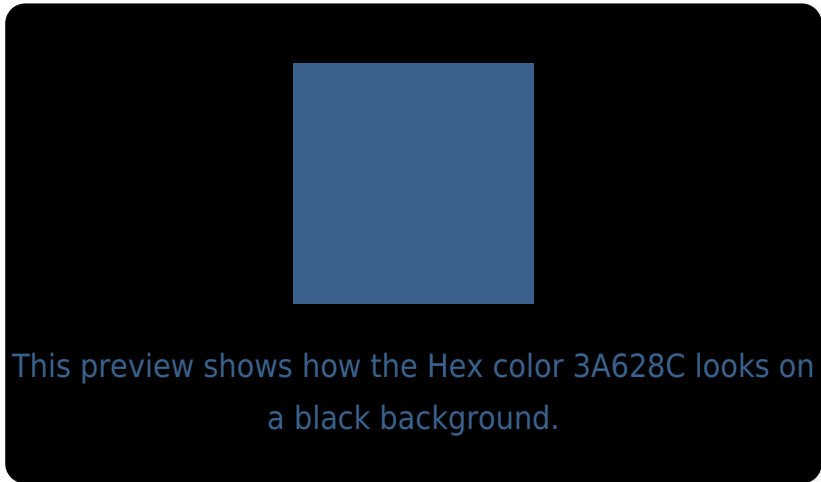
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A628C Background



This preview shows how black text looks on a background with the Hex color 3A628C.



This preview shows how white text looks on a background with the Hex color 3A628C.

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](#).

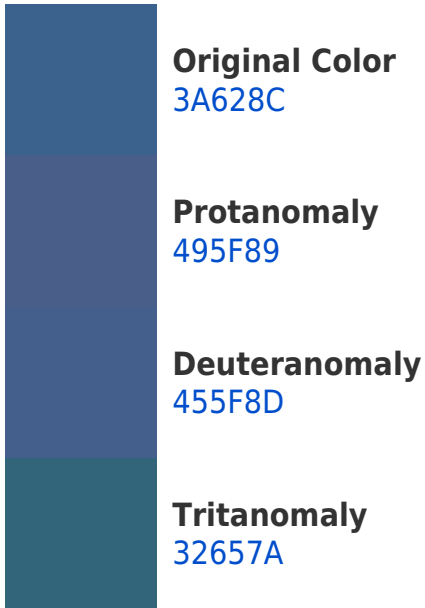
Dichromacy



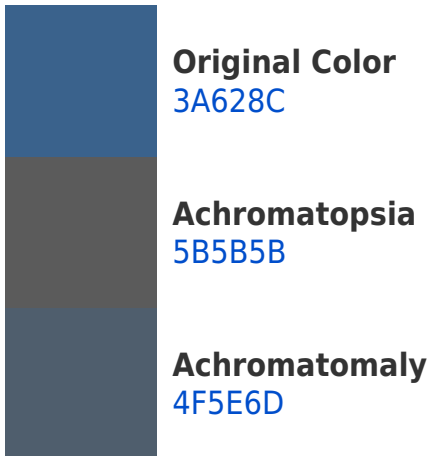


Tritanopia
2E6770

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A628C 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 #3A628C looks like.

```
.text, #text, p{  
    color:#3A628C  
}
```

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 #3A628C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A628C
}
```

Border

The CSS property to change the border of an element to Hex 3A628C 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
#3A628C }
```

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

```
.border{ border-color:#3A628C }
```

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

Here you see how a box with a 4 pixel #3A628C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A628C; -webkit-box-shadow:4px 4px  
4px 4px #3A628C; box-shadow:4px 4px 4px  
4px #3A628C }
```

Background

The CSS property to change the background color of an element to Hex 3A628C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A628C }
```

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

```
.background{ background-color:#3A628C }
```

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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