

Converting Colors

Hex(3A628B)

Have a look what the booklet for
Hex(3A628B) contains.

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Color

Hex(3A628B)

Conversions

Conversions Part 1

Format	Color
Hex	3A628B
RGB	58, 98, 139
RGB Percent	23%, 38%, 55%
CMY	0.7725, 0.6157, 0.4549
CMYK	0.58, 0.29, 0.00, 0.45
HSL	210°, 41%, 39%
HSV	210°, 58%, 55%
XYZ	10.7728, 11.4990, 26.0778
YIQ	90.7140, -37.0010, 4.2710

Conversions

Conversions Part 2

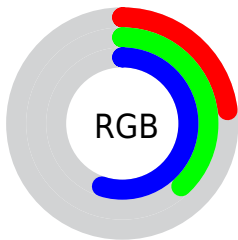
Format	Color
RYB	58, 85, 139
Decimal	3826315
CIELab	40.41, -1.17, -26.95
CIElCh	40, 26.973, 267.520
Yxy	11.4990, 0.2228, 0.2378
Android (android.graphics.Color)	4282016395 (0xFF3A628B)
YUV	90.7140, 23.8050, -28.6902
Hunter-Lab	33.9102, -2.6357, -21.8585

Details

The Hex color **3A628B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B633A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6F94C1**, and **003459** is the 20% darker color. If you saturate the color by 10%, you get **2C5B8B**, and if you desaturate by 10%, it is **48698B**.

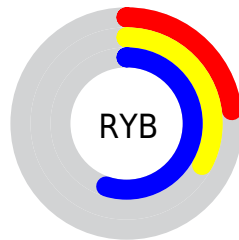
Distribution



Red (23%)

Green (38%)

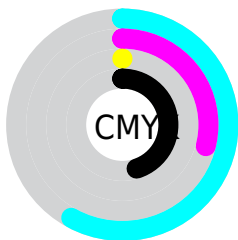
Blue (55%)



Red (23%)

Yellow (33%)

Blue (55%)

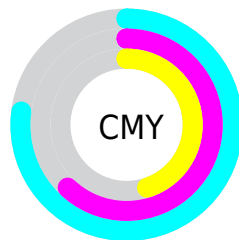


Cyan (58%)

Magenta (29%)

Yellow (0%)

Black (45%)



Cyan (77%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A628B 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 3A628B by changing the saturation by 10% instead.



3A628B



3A628B

FFFFFF



1D4A71



6F94C1



003459



8BAFDD



001F41



A6CAF9



00052B



C2E6FF



000115



DFFFFF



000000



FCFFFF



3A628B



3A628B



2C5B8B



48698B

■ 1E548B

■ 56708B

■ 104D8B

■ 64778B

■ 02468B

■ 727E8B

■ 00458B

■ 7F858B

■ 8D8C8B

■ 9B938B

■ A99A8B

■ B7A18B

Harmonies

Analogous

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



026884



3A628B



5F5A86

Triad

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



3A628B



894F4C



3E6947

Complementary

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



3A628B



8B633A

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.



596437



3A628B



80563B

Square

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



3A628B



874E62



6F5D33



1D6B5D

Rectangle

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



3A628B



72557D



6F5D33



476741

Sweetspot

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



3A628B



96A5B5



3A8B62



49535C



DBDBDB



5C5C5C

Same Dimension

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



3A628B



3675B5



3A3A8B



3E4145



004185



000305

Inverse Universe

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



8B3A62



B53675



8B8B3A



453E41



850041



050003

Previews

White Background



This preview shows how the Hex color 3A628B looks on a white background.

Color Contrast Check

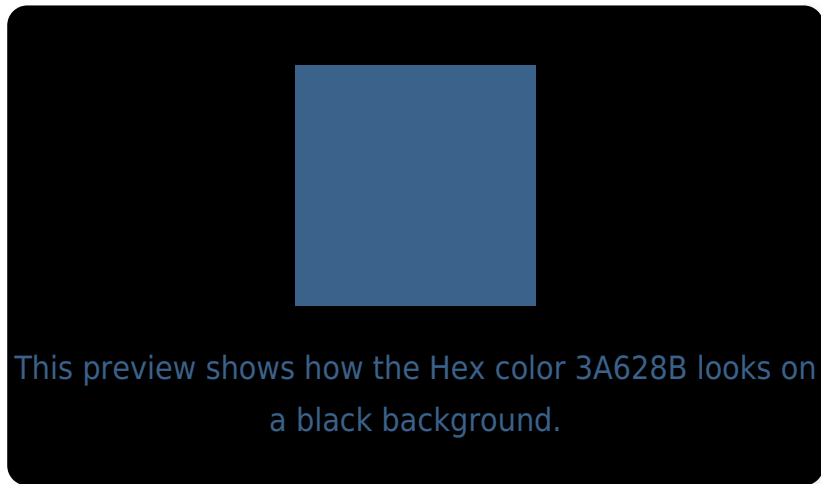
Large Text (above 18pt) WCAG AA ✓ Pass

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

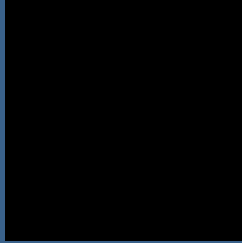
Any Text WCAG AA × Fail

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 3A628B Background



This preview shows how black text looks on a background with the Hex color 3A628B.



This preview shows how white text looks on a background with the Hex color 3A628B.

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
2F6770

Trichromacy



Original Color
3A628B

Protanomaly
495F88

Deuteranomaly
455F8C

Tritanomaly
33657A

Monochromacy



Original Color
3A628B

Achromatopsia
5B5B5B

Achromatomaly
4F5E6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A628B 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 #3A628B looks like.

```
.text, #text, p{  
    color:#3A628B  
}
```

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 #3A628B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A628B
}
```

Border

The CSS property to change the border of an element to Hex 3A628B 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
#3A628B }
```

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

```
.border{ border-color:#3A628B }
```

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

Here you see how a box with a 4 pixel #3A628B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A628B; -webkit-box-shadow:4px 4px  
4px 4px #3A628B; box-shadow:4px 4px 4px  
4px #3A628B }
```

Background

The CSS property to change the background color of an element to Hex 3A628B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A628B }
```

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

```
.background{ background-color:#3A628B }
```

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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