

Converting Colors

Hex(49668B)

Have a look what the booklet for
Hex(49668B) contains.

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Color

Hex(49668B)

Conversions

Conversions Part 1

Format	Color
Hex	49668B
RGB	73, 102, 139
RGB Percent	29%, 40%, 55%
CMY	0.7137, 0.6000, 0.4549
CMYK	0.47, 0.27, 0.00, 0.45
HSL	214°, 31%, 42%
HSV	214°, 47%, 55%
XYZ	12.1592, 12.7833, 26.2527
YIQ	97.5470, -29.1610, 5.3590

Conversions

Conversions Part 2

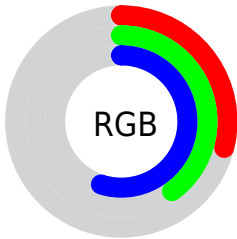
Format	Color
R_YB	73, 93, 139
Decimal	4810379
CIE Lab	42.43, 0.06, -23.73
CIE LCh	42, 23.731, 270.152
Yxy	12.7833, 0.2375, 0.2497
Android (android.graphics.Color)	4283000459 (0xFF49668B)
YUV	97.5470, 20.4363, -21.5277
Hunter-Lab	35.7537, -1.8643, -18.5069

Details

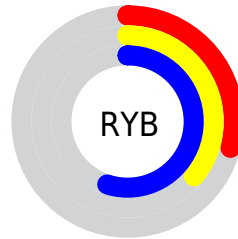
The Hex color **49668B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B6E49**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7D99C1**, and **143759** is the 20% darker color. If you saturate the color by 10%, you get **3B5E8B**, and if you desaturate by 10%, it is **576E8B**.

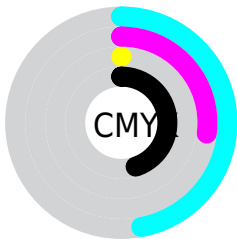
Distribution



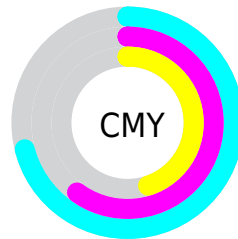
- Red (29%)
- Green (40%)
- Blue (55%)



- Red (29%)
- Yellow (36%)
- Blue (55%)



- Cyan (47%)
- Magenta (27%)
- Yellow (0%)
- Black (45%)



- Cyan (71%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49668B 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 49668B by changing the saturation by 10% instead.

■ 49668B

■ 49668B

FFFFFF

■ 2F4E71

■ 7D99C1

■ 143759

■ 98B4DD

■ 002241

■ B3CFF9

■ 000C2B

■ CFEBFF

■ 000116

■ ECFE99

■ 000000

■ 49668B

■ 49668B

■ 3B5E8B

■ 576E8B

■ 2D568B

■ 65768B

■ 1F4F8B

■ 737D8B

■ 11478B

■ 81858B

■ 043F8B

■ 8F8D8B

■ 003D8B

■ 9C958B

■ AA9D8B

■ B8A48B

■ C6AC8B

Harmonies

Analogous

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



2A6B86



49668B



675F86

Triad

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



49668B



8A5751



466D50

Complementary

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



49668B



8B6E49

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.



5D6942



49668B



815C43

Square

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



49668B



895565



71633D



2D6F64

Rectangle

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



49668B



775B7D



71633D



4E6C4A

Sweetspot

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



49668B



9CA7B5



498B6D



4C535C



DBDBDB



5C5C5C

Same Dimension

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



49668B



4E7BB5



4C498B



3E4145



003A85



000205

Inverse Universe

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



8B4966



B54E7B



888B49



453E41



85003A



050002

Previews

White Background



This preview shows how the Hex color 49668B looks on a white background.

Color Contrast Check

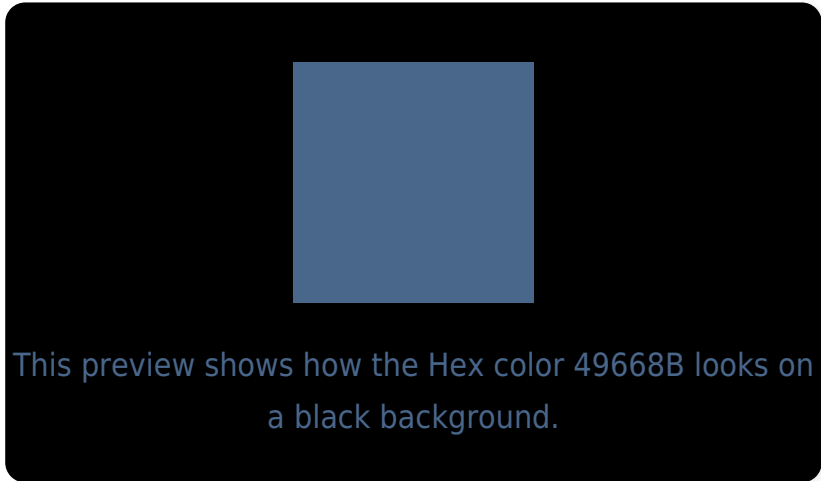
Large Text (above 18pt) WCAG AA ✓ Pass

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 49668B Background



This preview shows how black text looks on a background with the Hex color 49668B.

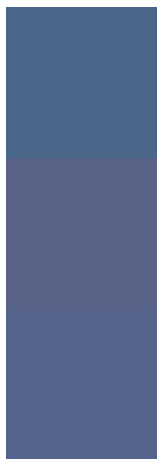


This preview shows how white text looks on a background with the Hex color 49668B.

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
49668B

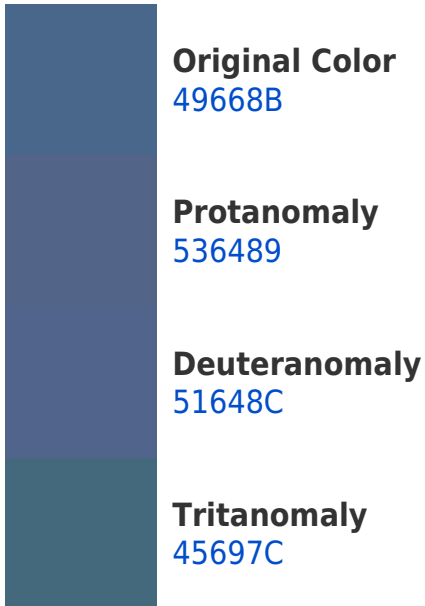
Protanopia
596388

Deuteranopia
56638C



Tritanopia
426A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49668B 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 #49668B looks like.

```
.text, #text, p{  
    color:#49668B  
}
```

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 #49668B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49668B
}
```

Border

The CSS property to change the border of an element to Hex 49668B 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
#49668B }
```

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

```
.border{ border-color:#49668B }
```

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

Here you see how a box with a 4 pixel #49668B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49668B; -webkit-box-shadow:4px 4px  
4px 4px #49668B; box-shadow:4px 4px 4px  
4px #49668B }
```

Background

The CSS property to change the background color of an element to Hex 49668B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49668B }
```

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

```
.background{ background-color:#49668B }
```

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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