

Converting Colors

Hex(44668B)

Have a look what the booklet for
Hex(44668B) contains.

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Color

Hex(44668B)

Conversions

Conversions Part 1

Format	Color
Hex	44668B
RGB	68, 102, 139
RGB Percent	27%, 40%, 55%
CMY	0.7333, 0.6000, 0.4549
CMYK	0.51, 0.27, 0.00, 0.45
HSL	211°, 34%, 41%
HSV	211°, 51%, 55%
XYZ	11.7955, 12.5958, 26.2356
YIQ	96.0520, -32.1410, 4.2990

Conversions

Conversions Part 2

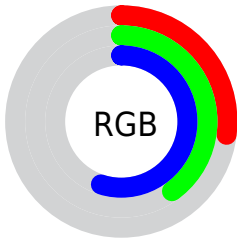
Format	Color
R _{YB}	68, 91, 139
Decimal	4482699
CIE Lab	42.15, -1.24, -24.20
CIE LCh	42, 24.230, 267.073
Yxy	12.5958, 0.2330, 0.2488
Android (android.graphics.Color)	4282672779 (0xFF44668B)
YUV	96.0520, 21.1734, -24.6016
Hunter-Lab	35.4905, -2.7829, -18.9856

Details

The Hex color **44668B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B6944**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7899C1**, and **0A3759** is the 20% darker color. If you saturate the color by 10%, you get **365F8B**, and if you desaturate by 10%, it is **526D8B**.

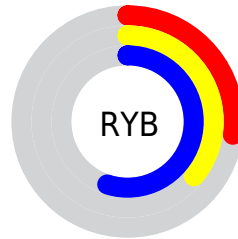
Distribution



Red (27%)

Green (40%)

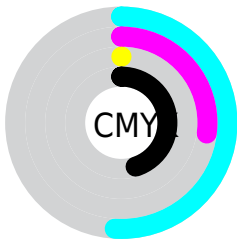
Blue (55%)



Red (27%)

Yellow (36%)

Blue (55%)

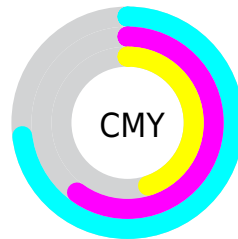


Cyan (51%)

Magenta (27%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44668B 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 44668B by changing the saturation by 10% instead.

■ 44668B

■ 44668B

FFFFFF

■ 2A4E71

■ 7899C1

■ 0A3759

■ 93B4DD

■ 002241

■ AFCFF9

■ 000C2B

■ CBEBFF

■ 000116

■ E8FFFF

■ 000000

■ 44668B

■ 44668B

■ 365F8B

■ 526D8B

■ 28588B

■ 60748B

■ 1A508B

■ 6E7C8B

■ 0C498B

■ 7C838B

■ 00438B

■ 8A8A8B

■ 97918B

■ A5998B

■ B3A08B

■ C1A78B

Harmonies

Analogous

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



246B84



44668B



635F87

Triad

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



44668B



8A5552



476C4D

Complementary

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



44668B



8B6944

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.



5E683F



44668B



825B43

Square

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



44668B



885466



73623B



2D6E61

Rectangle

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



44668B



745A7F



73623B



4F6B48

Sweetspot

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



44668B



9AA7B5



448B69



4B535C



DBDBDB



5C5C5C

Same Dimension

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



44668B



477BB5



45448B



3E4145



003F85



000205

Inverse Universe

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



8B4466



B5477B



8A8B44



453E41



85003F



050002

Previews

White Background



This preview shows how the Hex color 44668B looks on a white background.

Color Contrast Check

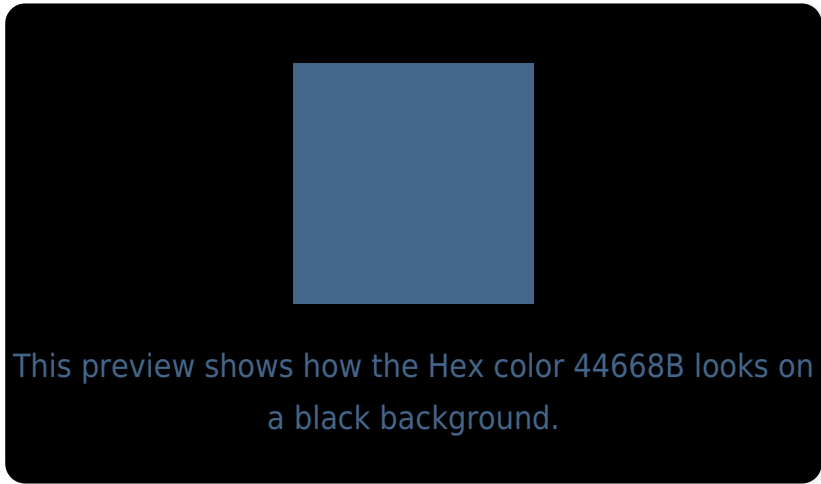
Large Text (above 18pt) WCAG AA ✓ Pass

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

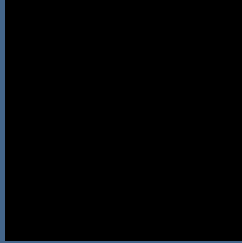
Any Text WCAG AA × Fail

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 44668B Background



This preview shows how black text looks on a background with the Hex color 44668B.




This preview shows how white text looks on a background with the Hex color 44668B.

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](#).

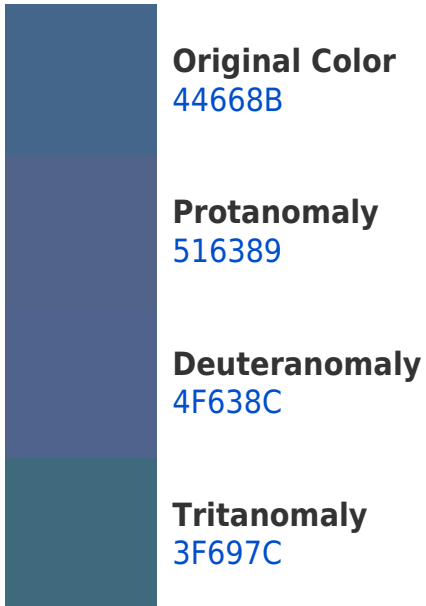
Dichromacy





Tritanopia
3C6A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44668B 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 #44668B looks like.

```
.text, #text, p{  
    color:#44668B  
}
```

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 #44668B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44668B
}
```

Border

The CSS property to change the border of an element to Hex 44668B 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
#44668B }
```

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

```
.border{ border-color:#44668B }
```

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

Here you see how a box with a 4 pixel #44668B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44668B; -webkit-box-shadow:4px 4px  
4px 4px #44668B; box-shadow:4px 4px 4px  
4px #44668B }
```

Background

The CSS property to change the background color of an element to Hex 44668B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44668B }
```

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

```
.background{ background-color:#44668B }
```

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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