

Converting Colors

Hex(00468F)

Have a look what the booklet for
Hex(00468F) contains.

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Color

Hex(00468F)

Conversions

Conversions Part 1

Format	Color
Hex	00468F
RGB	0, 70, 143
RGB Percent	0%, 27%, 56%
CMY	1.0000, 0.7255, 0.4392
CMYK	1.00, 0.51, 0.00, 0.44
HSL	211°, 100%, 28%
HSV	211°, 100%, 56%
XYZ	7.1481, 6.3635, 26.8381
YIQ	57.3920, -65.1530, 7.8630

Conversions

Conversions Part 2

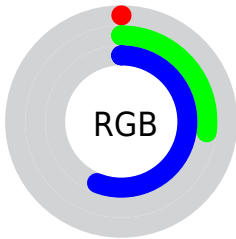
Format	Color
RYB	0, 47, 143
Decimal	18063
CIELab	30.31, 11.43, -45.55
CIELCh	30, 46.964, 284.088
Yxy	6.3635, 0.1772, 0.1577
Android (android.graphics.Color)	4278208143 (0xFF00468F)
YUV	57.3920, 42.2047, -50.3328
Hunter-Lab	25.2260, 6.4347, -45.4210

Details

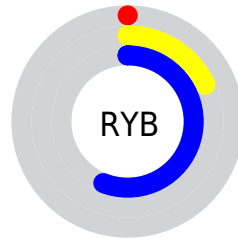
The Hex color **00468F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8F4900**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5176C5**, and **001C5C** is the 20% darker color. If you saturate the color by 10%, you get **00468F**, and if you desaturate by 10%, it is **0E4D8F**.

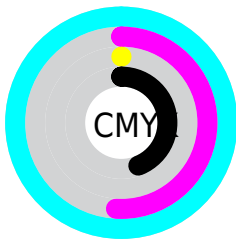
Distribution



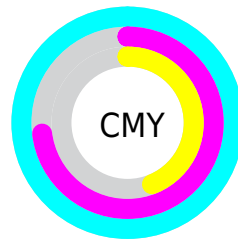
- Red (0%)
- Green (27%)
- Blue (56%)



- Red (0%)
- Yellow (18%)
- Blue (56%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (73%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00468F 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 00468F by changing the saturation by 10% instead.

■ 00468F

■ 00468F

FFFFFF

■ 003075

■ 5176C5

■ 001C5C

■ 6E8FE2

■ 000044

■ 8BA9FF

■ 00032D

■ A8C5FF

■ 000117

■ C5E0FF

■ 000000

■ E2FDFF

■ 00468F

■ 0E4D8F

■ 1D558F

■ 2B5C8F

■ 39638F

■ 486B8F

■ 56728F

■ 64798F

■ 72808F

■ 81888F

Harmonies

Analogous

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



00518E



00468F



5E357C

Triad

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



00468F



7E2D15



005632

Complementary

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



00468F



8F4900

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.



1A530A



00468F



673E00

Square

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



00468F



871D38



484B00



005858

Rectangle

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



00468F



762868



484B00



005525

Sweetspot

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



00468F



829EBA



008F48



3C4D5E



DEDEDE



5E5E5E

Same Dimension

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



00468F



005BBA



00008F



404447



004287



000408

Inverse Universe

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



8F0046



BA005B



8F8F00



474044



870042



080004

Previews

White Background



This preview shows how the Hex color 00468F looks on a white background.

Color Contrast Check

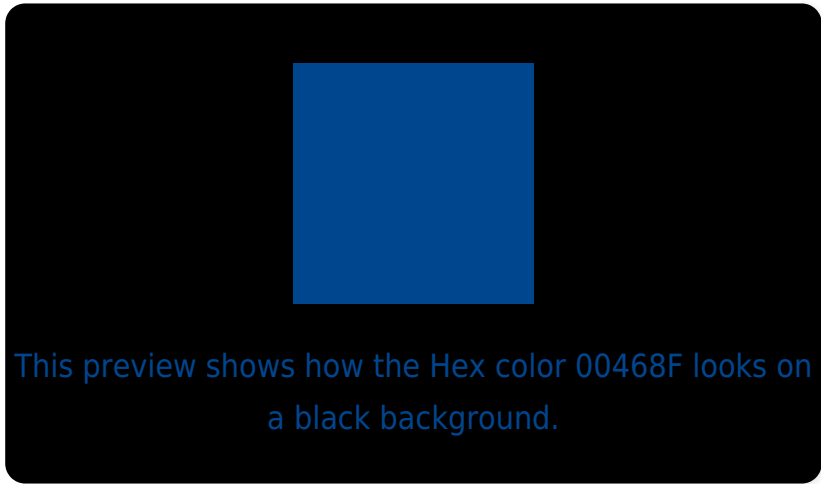
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

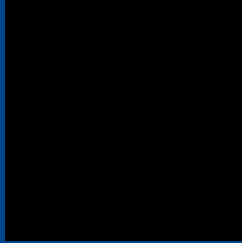
Any Text WCAG AA × Fail

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 00468F Background



This preview shows how black text looks on a background with the Hex color 00468F.

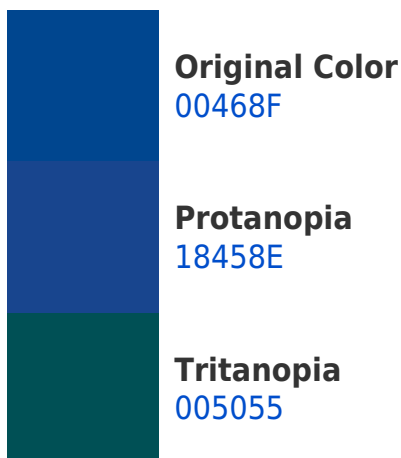


This preview shows how white text looks on a background with the Hex color 00468F.

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



Trichromacy



Original Color
00468F

Protanomaly
0F458E

Tritanomaly
004C6A

Monochromacy



Original Color
00468F

Achromatopsia
393939

Achromatomaly
243E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 00468F 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 #00468F looks like.

```
.text, #text, p{  
    color:#00468F  
}
```

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 #00468F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00468F
}
```

Border

The CSS property to change the border of an element to Hex 00468F 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".

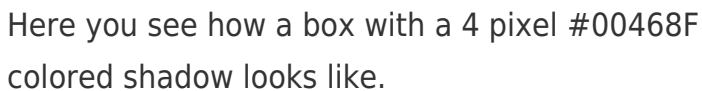
```
.border, #border, table{ border:4px solid
#00468F }
```

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

```
.border{ border-color:#00468F }
```

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

Here you see how a box with a 4 pixel #00468F colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00468F; -webkit-box-shadow:4px 4px  
4px 4px #00468F; box-shadow:4px 4px 4px  
4px #00468F }
```

Background

The CSS property to change the background color of an element to Hex 00468F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00468F }
```

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

```
.background{ background-color:#00468F }
```

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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