

Converting Colors

Hex(02548F)

Have a look what the booklet for
Hex(02548F) contains.

Hex(02548F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(02548F)

Conversions

Conversions Part 1

Format	Color
Hex	02548F
RGB	2, 84, 143
RGB Percent	1%, 33%, 56%
CMY	0.9922, 0.6706, 0.4392
CMYK	0.99, 0.41, 0.00, 0.44
HSL	205°, 97%, 28%
HSV	205°, 99%, 56%
XYZ	8.1533, 8.3367, 27.1660
YIQ	66.2080, -67.8110, 0.9650

Conversions

Conversions Part 2

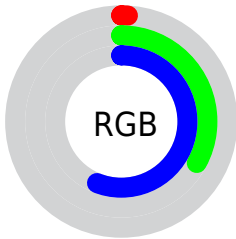
Format	Color
RYB	2, 54, 143
Decimal	152719
CIELab	34.67, 2.09, -38.54
CIELCh	35, 38.594, 273.102
Yxy	8.3367, 0.1868, 0.1910
Android (android.graphics.Color)	4278342799 (0xFF02548F)
YUV	66.2080, 37.8585, -56.3104
Hunter-Lab	28.8734, -0.1235, -35.5727

Details

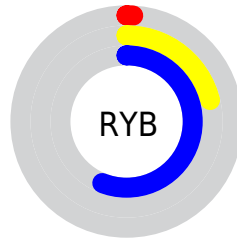
The Hex color **02548F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F3D02**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5285C5**, and **00285C** is the 20% darker color. If you saturate the color by 10%, you get **00538F**, and if you desaturate by 10%, it is **105A8F**.

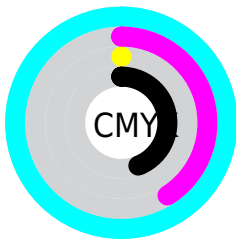
Distribution



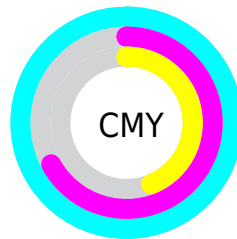
- Red (1%)
- Green (33%)
- Blue (56%)



- Red (1%)
- Yellow (21%)
- Blue (56%)



- Cyan (99%)
- Magenta (41%)
- Yellow (0%)
- Black (44%)



- Cyan (99%)
- Magenta (67%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02548F 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 02548F by changing the saturation by 10% instead.

■ 02548F

■ 02548F

FFFFFF

■ 003D75

■ 5285C5

■ 00285C

■ 6E9FE1

■ 001444

■ 8BBAFE

■ 00032D

■ A8D6FF

■ 000118

■ C5F2FF

■ 000000

■ E2FFFF

■ 02548F

■ 02548F

■ 00538F

■ 105A8F

■ 1F608F

■ 2D668F

■ 3B6C8F

■ 4A728F

■ 58788F

■ 667E8F

■ 74848F

■ 838A8F

Harmonies

Analogous

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



005C88



02548F



564885

Triad

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



02548F



873A32



075E34

Complementary

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



02548F



8F3D02

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.



3F591A



02548F



774619

Square

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



02548F



883450



5F510D



006054

Rectangle

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



02548F



703F77



5F510D



235D2B

Sweetspot

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



02548F



82A3BA



028F3D



3C505E



DEDEDE



5E5E5E

Same Dimension

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



02548F



006CBA



020E8F



404447



004F87



000408

Inverse Universe

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



8F0254



BA006C



8F8302



474044



87004F



080004

Previews

White Background



This preview shows how the Hex color 02548F looks on a white background.

Color Contrast Check

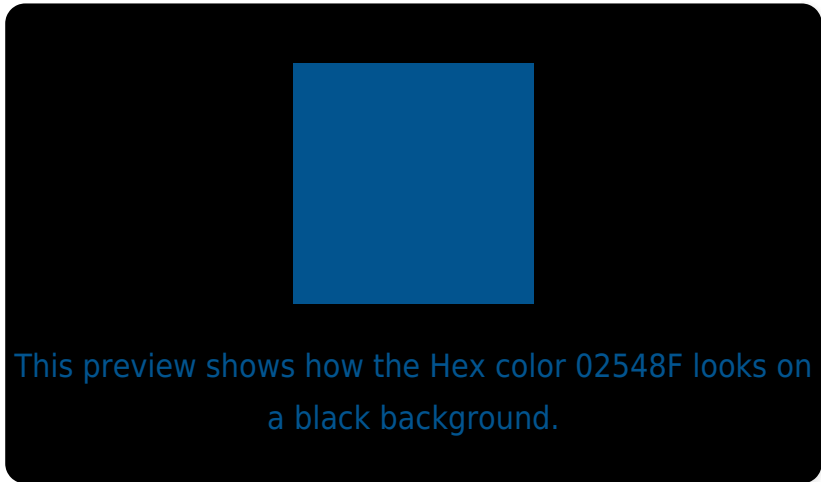
Large Text (above 18pt) WCAG AA ✓ Pass

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

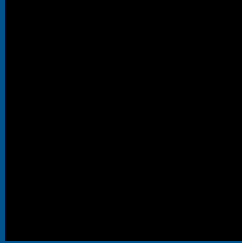
Any Text WCAG AA × Fail

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 02548F Background



This preview shows how black text looks on a background with the Hex color 02548F.



This preview shows how white text looks on a background with the Hex color 02548F.

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
02548F

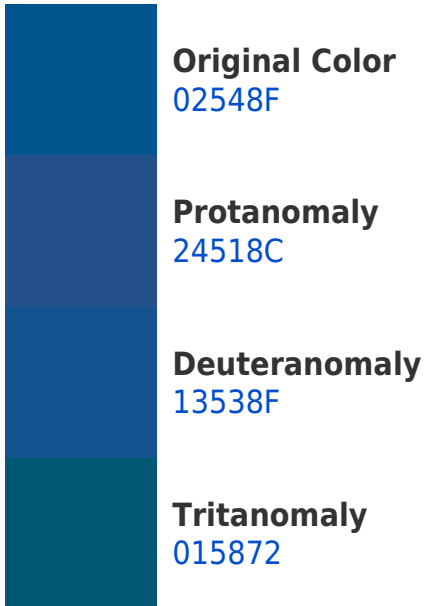
Protanopia
38508B

Deuteranopia
1D538F

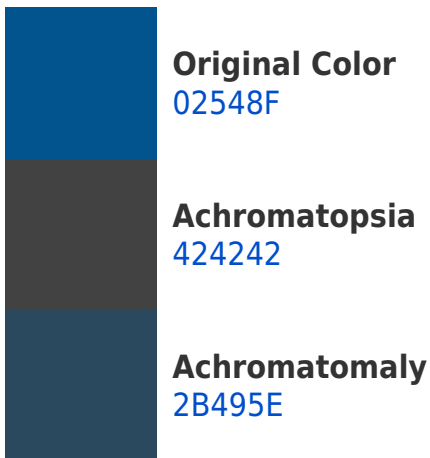


Tritanopia
005B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 02548F 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 #02548F looks like.

```
.text, #text, p{  
    color:#02548F  
}
```

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 #02548F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02548F
}
```

Border

The CSS property to change the border of an element to Hex 02548F is called "border". The border property can be set on classes, ids or directly on the HTML element.

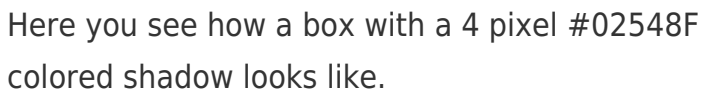
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02548F }
```

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

```
.border{ border-color:#02548F }
```

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



Here you see how a box with a 4 pixel #02548F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02548F; -webkit-box-shadow:4px 4px  
4px 4px #02548F; box-shadow:4px 4px 4px  
4px #02548F }
```

Background

The CSS property to change the background color of an element to Hex 02548F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02548F }
```

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

```
.background{ background-color:#02548F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor