

Converting Colors

Hex(02588F)

Have a look what the booklet for
Hex(02588F) contains.

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Color

Hex(02588F)

Conversions

Conversions Part 1

Format	Color
Hex	02588F
RGB	2, 88, 143
RGB Percent	1%, 35%, 56%
CMY	0.9922, 0.6549, 0.4392
CMYK	0.99, 0.38, 0.00, 0.44
HSL	203°, 97%, 28%
HSV	203°, 99%, 56%
XYZ	8.4727, 8.9755, 27.2725
YIQ	68.5560, -68.9110, -1.1270

Conversions

Conversions Part 2

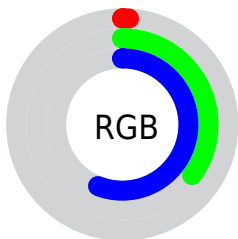
Format	Color
RYB	2, 55, 143
Decimal	153743
CIELab	35.94, -0.51, -36.53
CIELCh	36, 36.529, 269.199
Yxy	8.9755, 0.1895, 0.2007
Android (android.graphics.Color)	4278343823 (0xFF02588F)
YUV	68.5560, 36.7009, -58.3696
Hunter-Lab	29.9592, -1.9474, -33.0016

Details

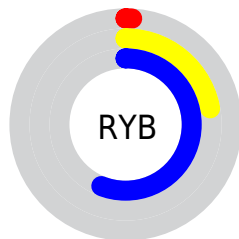
The Hex color **02588F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F3902**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **528AC5**, and **002B5C** is the 20% darker color. If you saturate the color by 10%, you get **00578F**, and if you desaturate by 10%, it is **105E8F**.

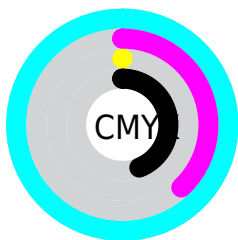
Distribution



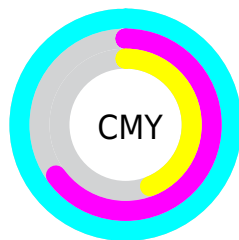
- Red (1%)
- Green (35%)
- Blue (56%)



- Red (1%)
- Yellow (22%)
- Blue (56%)



- Cyan (99%)
- Magenta (38%)
- Yellow (0%)
- Black (44%)




- Cyan (99%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02588F 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 02588F by changing the saturation by 10% instead.

 02588F

 02588F

FFFFFF

 004175

 528AC5

 002B5C

 6FA4E1

 001744

 8BBFFE

 00032E

 A8DAFF

 000118

 C5F7FF

 000000

 E2FFFF

 02588F

 02588F

 00578F

 105E8F

■ 1F638F

■ 2D698F

■ 3B6E8F

■ 4A748F

■ 58798F

■ 667F8F

■ 74858F

■ 838A8F

Harmonies

Analogous

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



005F86



02588F



544D88

Triad

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



02588F



893D3A



1F6035

Complementary

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



02588F



8F3902

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.



485B1E



02588F



7C4822

Square

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



02588F



883A57



655316



006353

Rectangle

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



02588F



6E457B



655316



2F5F2C

Sweetspot

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



02588F



82A4BA



028F38



3C515E



DEDEDE



5E5E5E

Same Dimension

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



02588F



0072BA



02128F



404547



005287



000508

Inverse Universe

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



8F0258



BA0072



8F7F02



474045



870052



080005

Previews

White Background



This preview shows how the Hex color 02588F looks on a white background.

Color Contrast Check

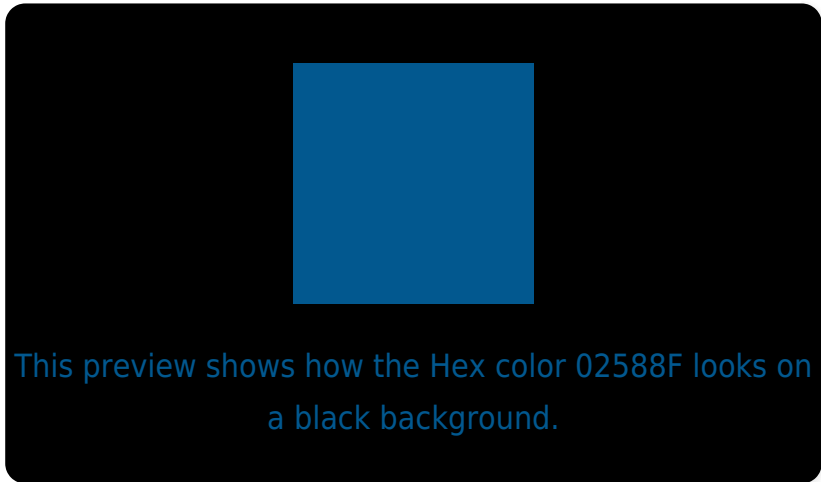
Large Text (above 18pt) WCAG AA ✓ Pass

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

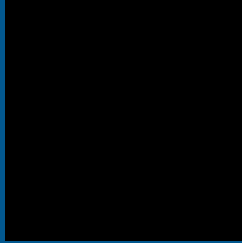
Any Text WCAG AA × Fail

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 02588F Background



This preview shows how black text looks on a background with the Hex color 02588F.



This preview shows how white text looks on a background with the Hex color 02588F.

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](#).

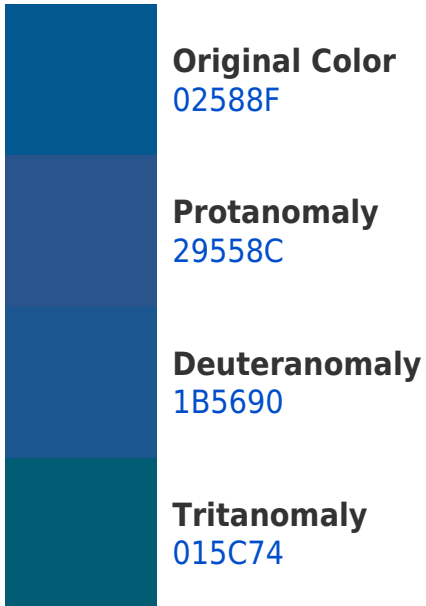
Dichromacy





Tritanopia
005E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 02588F 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 #02588F looks like.

```
.text, #text, p{  
    color:#02588F  
}
```

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 #02588F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02588F
}
```

Border

The CSS property to change the border of an element to Hex 02588F is called "border". The border property can be set on classes, ids or directly on the HTML element.

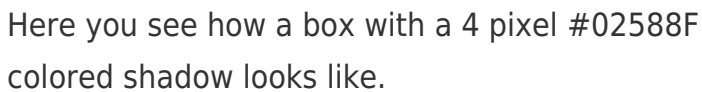
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02588F }
```

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

```
.border{ border-color:#02588F }
```

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



Here you see how a box with a 4 pixel #02588F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02588F; -webkit-box-shadow:4px 4px  
4px 4px #02588F; box-shadow:4px 4px 4px  
4px #02588F }
```

Background

The CSS property to change the background color of an element to Hex 02588F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02588F }
```

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

```
.background{ background-color:#02588F }
```

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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