

# Converting Colors

Hex(0F538F)

Have a look what the booklet for  
Hex(0F538F) contains.

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# Color

**Hex(0F538F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F538F
RGB	15, 83, 143
RGB Percent	6%, 33%, 56%
CMY	0.9412, 0.6745, 0.4392
CMYK	0.90, 0.42, 0.00, 0.44
HSL	208°, 81%, 31%
HSV	208°, 90%, 56%
XYZ	8.2482, 8.2712, 27.1484
YIQ	69.5080, -59.7880, 4.2440

# Conversions

## Conversions Part 2

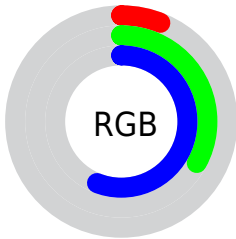
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	15, 59, 143
Decimal	1004431
CIE Lab	34.54, 3.51, -38.74
CIE LCh	35, 38.899, 275.183
Yxy	8.2712, 0.1889, 0.1894
Android (android.graphics.Color)	4279194511 (0xFF0F538F)
YUV	69.5080, 36.2316, -47.8035
Hunter-Lab	28.7598, 0.8635, -35.8362

# Details

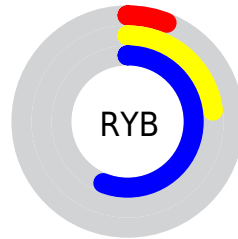
The Hex color **0F538F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F4B0F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5584C5**, and **00275C** is the 20% darker color. If you saturate the color by 10%, you get **014C8F**, and if you desaturate by 10%, it is **1D5A8F**.

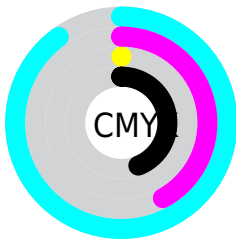
# Distribution



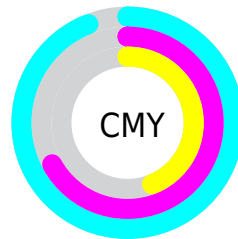
- Red (6%)
- Green (33%)
- Blue (56%)



- Red (6%)
- Yellow (23%)
- Blue (56%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (44%)



- Cyan (94%)
- Magenta (67%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F538F 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 0F538F by changing the saturation by 10% instead.



0F538F

0F538F

FFFFFF

003C75

5584C5

00275C

729EE1

001244

8EB9FE

00032D

ABD4FF

000118

C8F1FF

000000

E5FFFF

0F538F

0F538F

014C8F

1D5A8F

■ 004C8F

■ 2C608F

■ 3A678F

■ 486E8F

■ 57758F

■ 657B8F

■ 73828F

■ 81898F

■ 908F8F

# Harmonies

## Analogous

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



005B89



0F538F



594784

# Triad

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



0F538F



863A2F



005E36

# Complementary

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



0F538F



8F4B0F

# 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.



3C5A1B



0F538F



764617

# Square

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



0F538F



89344D



5C510C



006056

# Rectangle

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



0F538F



723E75



5C510C



1D5D2C



# Sweetspot

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



0F538F



88A3BA



0F8F4B



40505E



DEDEDE



5E5E5E



# Same Dimension

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



0F538F



0063BA



0F138F



404447



004887



000408



# Inverse Universe

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



8F0F53



BA0063



8F8B0F



474044



870048



080004



# Previews

## White Background



This preview shows how the Hex color 0F538F looks on a white background.

## Color Contrast Check

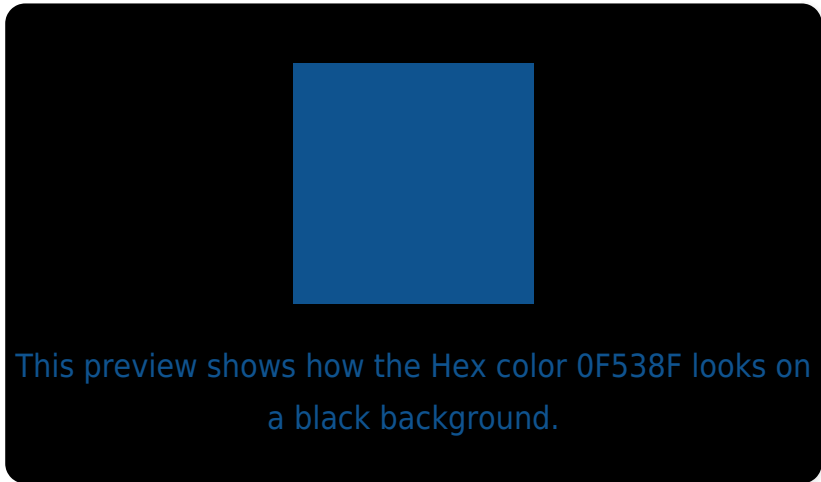
Large Text (above 18pt) WCAG AA ✓ Pass

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

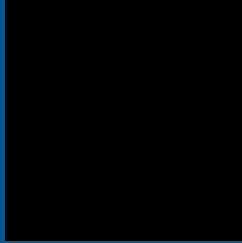
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F538F Background



This preview shows how black text looks on a background with the Hex color 0F538F.



This preview shows how white text looks on a background with the Hex color 0F538F.

# 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](#).

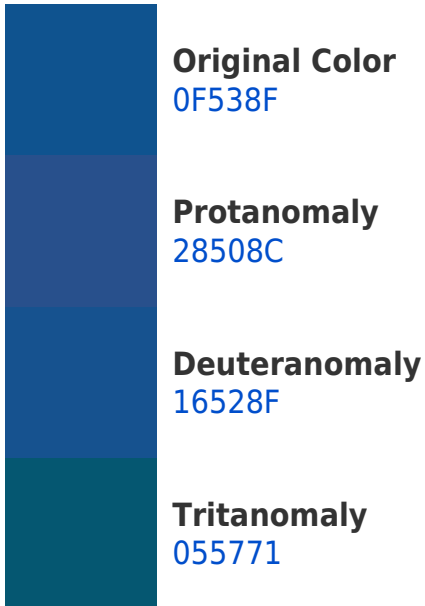
## Dichromacy



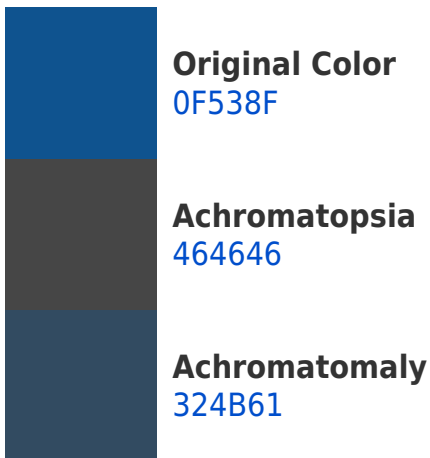


**Tritanopia**  
005A60

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F538F 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 #0F538F looks like.

```
.text, #text, p{  
    color:#0F538F  
}
```

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 #0F538F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F538F
}
```

## Border

The CSS property to change the border of an element to Hex 0F538F 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
#0F538F }
```

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

```
.border{ border-color:#0F538F }
```

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

Here you see how a box with a 4 pixel #0F538F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F538F; -webkit-box-shadow:4px 4px  
4px 4px #0F538F; box-shadow:4px 4px 4px  
4px #0F538F }
```

# Background

The CSS property to change the background color of an element to Hex 0F538F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F538F }
```

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

```
.background{ background-color:#0F538F }
```

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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