

# Converting Colors

Hex(75868F)

Have a look what the booklet for  
Hex(75868F) contains.

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# Color

**Hex(75868F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75868F
RGB	117, 134, 143
RGB Percent	46%, 53%, 56%
CMY	0.5412, 0.4745, 0.4392
CMYK	0.18, 0.06, 0.00, 0.44
HSL	201°, 10%, 51%
HSV	201°, 18%, 56%
XYZ	20.8191, 22.8153, 29.2931
YIQ	129.9430, -13.0210, -0.8050

# Conversions

## Conversions Part 2

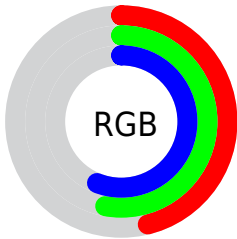
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 127, 143
Decimal	7702159
CIE Lab	54.88, -4.12, -6.90
CIE LCh	55, 8.040, 239.148
Yxy	22.8153, 0.2855, 0.3128
Android (android.graphics.Color)	4285892239 (0xFF75868F)
YUV	129.9430, 6.4371, -11.3510
Hunter-Lab	47.7653, -5.7878, -2.9251

# Details

The Hex color **75868F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F7E75**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A9BBC5**, and **44545D** is the 20% darker color. If you saturate the color by 10%, you get **67818F**, and if you desaturate by 10%, it is **838B8F**.

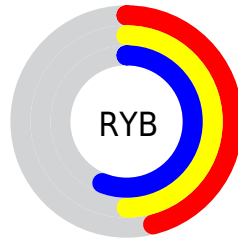
# Distribution



Red (46%)

Green (53%)

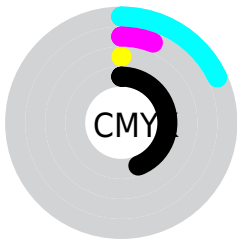
Blue (56%)



Red (46%)

Yellow (50%)

Blue (56%)

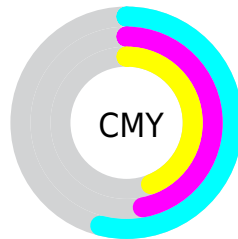


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (47%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75868F 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 75868F by changing the saturation by 10% instead.



■ 75868F

■ 75868F

FFFFFF

■ 5C6D75

■ A9BBC5

■ 44545D

■ C5D7E1

■ 2E3D45

■ E1F3FD

■ 18282F

FDFFFF

■ 00131A

■ 000000

■ 75868F

■ 75868F

■ 67818F

■ 838B8F

■ 587C8F

■ 92908F

4A778F

A0958F

3C728F

AE9A8F

2D6D8F

BC9F8F

1F688F

CBA48F

11638F

D9A98F

035E8F

E7AE8F

005E8F

F6B38F

# Harmonies

## Analogous

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



72878A



75868F



7C8491

# Triad

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



75868F



917F84



828577

# Complementary

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



75868F



8F7E75

# 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.



898376



75868F



927F7D

# Square

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



75868F



8C808B



908178



7A877C

# Rectangle

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



75868F



828290



908178



848476



# Sweetspot

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



75868F



B1B7BA



758F7E



595C5E



DEDEDE



5E5E5E



# Same Dimension

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



75868F



91ACBA



75798F



404547



005887



000508



# Inverse Universe

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



8F7586



BA91AC



8F8B75



474045



870058



080005



# Previews

## White Background



This preview shows how the Hex color 75868F looks on a white background.

## Color Contrast Check

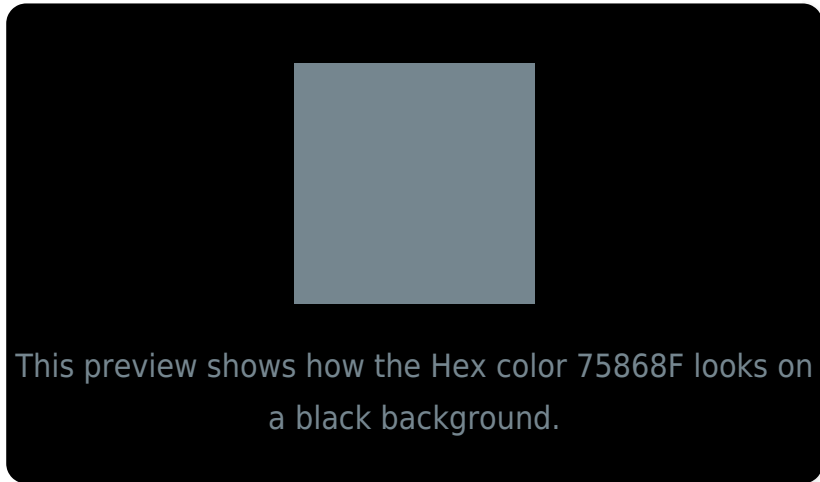
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

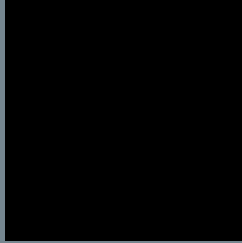
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

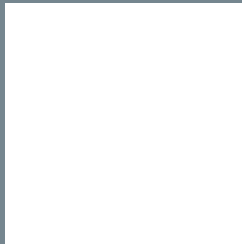
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75868F Background



This preview shows how black text looks on a background with the Hex color 75868F.

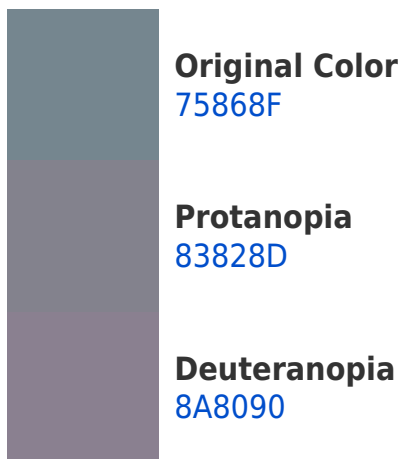


This preview shows how white text looks on a background with the Hex color 75868F.

# 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](#).

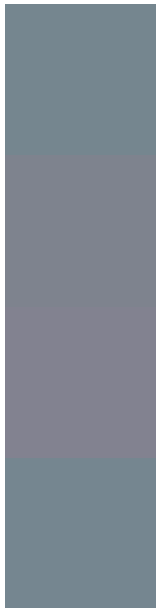
## Dichromacy





**Tritanopia**  
758690

# Trichromacy



**Original Color**  
75868F

**Protanomaly**  
7E838E

**Deuteranomaly**  
828290

**Tritanomaly**  
758690

# Monochromacy



**Original Color**  
75868F

**Achromatopsia**  
828282

**Achromatomaly**  
7D8387

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75868F 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 #75868F looks like.

```
.text, #text, p{  
    color:#75868F  
}
```

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 #75868F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75868F
}
```

## Border

The CSS property to change the border of an element to Hex 75868F 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
#75868F }
```

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

```
.border{ border-color:#75868F }
```

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

Here you see how a box with a 4 pixel #75868F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75868F; -webkit-box-shadow:4px 4px  
4px 4px #75868F; box-shadow:4px 4px 4px  
4px #75868F }
```

# Background

The CSS property to change the background color of an element to Hex 75868F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75868F }
```

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

```
.background{ background-color:#75868F }
```

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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