

# Converting Colors

Hex(256F8C)

Have a look what the booklet for  
Hex(256F8C) contains.

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# Color

Hex(256F8C)

# Conversions

## Conversions Part 1

Format	Color
Hex	256F8C
RGB	37, 111, 140
RGB Percent	15%, 44%, 55%
CMY	0.8549, 0.5647, 0.4510
CMYK	0.74, 0.21, 0.00, 0.45
HSL	197°, 58%, 35%
HSV	197°, 74%, 55%
XYZ	11.1810, 13.6556, 26.8574
YIQ	92.1800, -53.4130, -6.6690

# Conversions

## Conversions Part 2

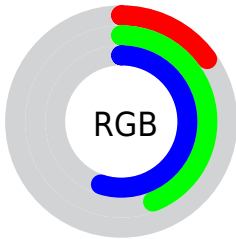
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 80, 140
Decimal	2453388
CIELab	43.73, -12.49, -22.44
CIELCh	44, 25.678, 240.903
Yxy	13.6556, 0.2163, 0.2642
Android (android.graphics.Color)	4280643468 (0xFF256F8C)
YUV	92.1800, 23.5753, -48.3929
Hunter-Lab	36.9535, -10.6601, -17.2239

# Details

The Hex color **256F8C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C4225**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **61A3C2**, and **003F5A** is the 20% darker color. If you saturate the color by 10%, you get **176B8C**, and if you desaturate by 10%, it is **33738C**.

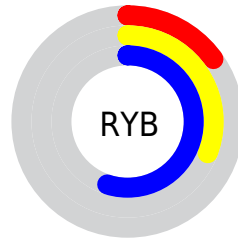
# Distribution



Red (15%)

Green (44%)

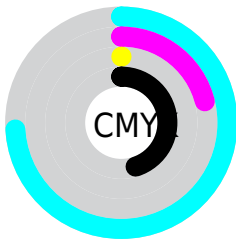
Blue (55%)



Red (15%)

Yellow (31%)

Blue (55%)

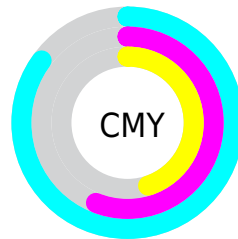


Cyan (74%)

Magenta (21%)

Yellow (0%)

Black (45%)



Cyan (85%)

Magenta (56%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 256F8C 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 256F8C by changing the saturation by 10% instead.



■ 256F8C

■ 256F8C

FFFFFF

■ 005772

■ 61A3C2

■ 003F5A

■ 7CBEDE

■ 002942

■ 99DAFA

■ 00162C

■ B5F6FF

■ 000117

■ D2FFFF

■ 000000

■ EFFFFFF

■ 256F8C

■ 256F8C

■ 176B8C

■ 33738C

09678C

41778C

00658C

4F7B8C

5D7F8C

6B838C

79878C

878B8C

958F8C

A3928C

# Harmonies

## Analogous

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



10727C



256F8C



4A6992

# Triad

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



256F8C



8F5768



5F6D42

# Complementary

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



256F8C



8C4225

# 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.



75663C



256F8C



905953

# Square

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



256F8C



835A7C



865F43



457152

# Rectangle

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



256F8C



61648F



865F43



666B3F



# Sweetspot

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



256F8C



8DAAB5



258C40



44555C



DBDBDB



5C5C5C



# Same Dimension

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



256F8C



1688B5



253D8C



3E4345



005F85



000405



# Inverse Universe

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



8C256F



B51688



8C7425



453E43



85005F



050004



# Previews

## White Background



This preview shows how the Hex color 256F8C looks on a white background.

## Color Contrast Check

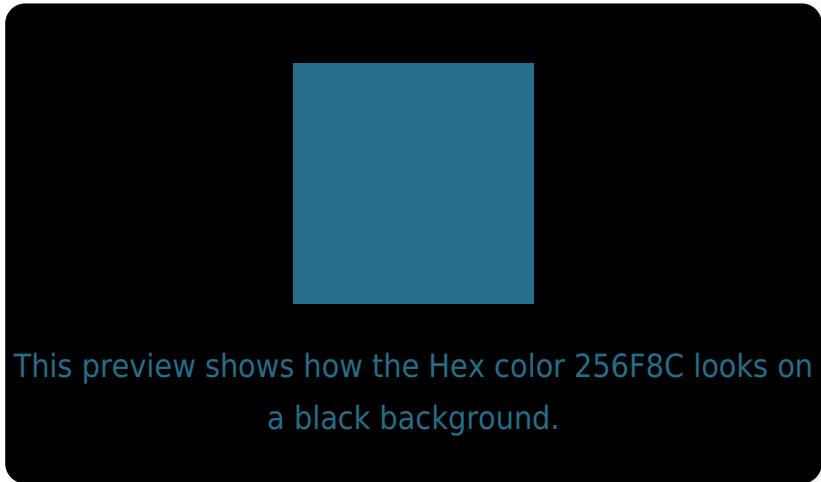
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

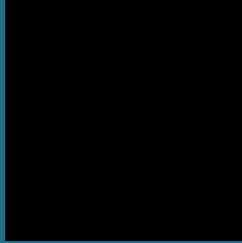
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 256F8C Background



This preview shows how black text looks on a background with the Hex color 256F8C.

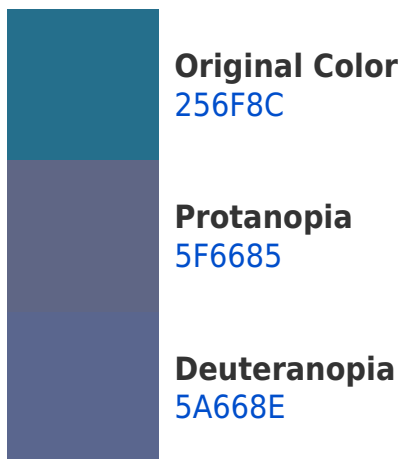


This preview shows how white text looks on a background with the Hex color 256F8C.

# 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](#).

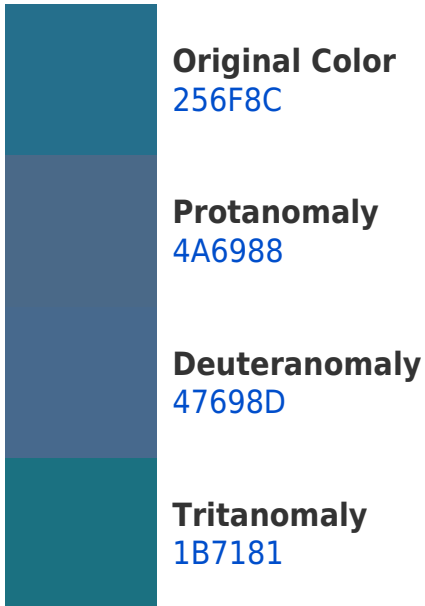
## Dichromacy





**Tritanopia**  
16727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 256F8C 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 #256F8C looks like.

```
.text, #text, p{  
    color:#256F8C  
}
```

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 #256F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256F8C
}
```

## Border

The CSS property to change the border of an element to Hex 256F8C 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
#256F8C }
```

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

```
.border{ border-color:#256F8C }
```

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

Here you see how a box with a 4 pixel #256F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256F8C; -webkit-box-shadow:4px 4px  
4px 4px #256F8C; box-shadow:4px 4px 4px  
4px #256F8C }
```

# Background

The CSS property to change the background color of an element to Hex 256F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256F8C }
```

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

```
.background{ background-color:#256F8C }
```

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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