

# Converting Colors

Hex(407D89)

Have a look what the booklet for  
Hex(407D89) contains.

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# Color

**Hex(407D89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	407D89
RGB	64, 125, 137
RGB Percent	25%, 49%, 54%
CMY	0.7490, 0.5098, 0.4627
CMYK	0.53, 0.09, 0.00, 0.46
HSL	190°, 36%, 39%
HSV	190°, 53%, 54%
XYZ	13.9633, 17.5634, 26.3210
YIQ	108.1290, -40.2080, -9.2000

# Conversions

## Conversions Part 2

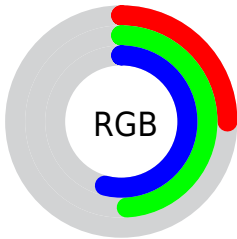
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 97, 137
Decimal	4226441
CIELab	48.96, -16.18, -12.58
CIElCh	49, 20.499, 217.872
Yxy	17.5634, 0.2414, 0.3036
Android (android.graphics.Color)	4282416521 (0xFF407D89)
YUV	108.1290, 14.2334, -38.7011
Hunter-Lab	41.9087, -13.8667, -7.9014

# Details

The Hex color **407D89** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **894C40**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **76B2BE**, and **004C57** is the 20% darker color. If you saturate the color by 10%, you get **327B89**, and if you desaturate by 10%, it is **4E7F89**.

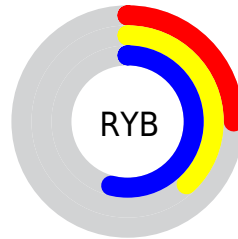
# Distribution



Red (25%)

Green (49%)

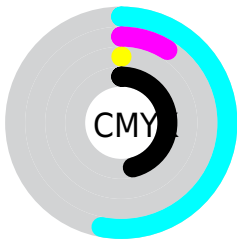
Blue (54%)



Red (25%)

Yellow (38%)

Blue (54%)

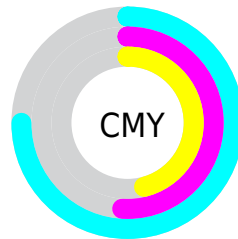


Cyan (53%)

Magenta (9%)

Yellow (0%)

Black (46%)



Cyan (75%)

Magenta (51%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 407D89 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 407D89 by changing the saturation by 10% instead.



 407D89

 407D89

FFFFFF

 246470

 76B2BE

 004C57

 91CDDA

 003540

 ACEAF7

 00202A

 C9FFFF

 000116

 E6FFFF

 000000

 407D89

 407D89

 327B89

 4E7F89

 257889

 5B8289

■ 177689

■ 698489

■ 097489

■ 778689

■ 007289

■ 848889

■ 928B89

■ A08D89

■ AE8F89

■ BB9189

# Harmonies

## Analogous

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



457E78



407D89



4D7A94

# Triad

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



407D89



8E6982



7C7552

# Complementary

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



407D89



894C40

# 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.



8C6F55



407D89



976870

# Square

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



407D89



7D6E90



966A60



697A59

# Rectangle

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



407D89



5D7697



966A60



827352



# Sweetspot

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



407D89



96AEB3



40894B



485659



D9D9D9



595959



# Same Dimension

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



407D89



40A0B3



405A89



3E4445



006F85



000405



# Inverse Universe

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



89407D



B340A0



896F40



453E44



85006F

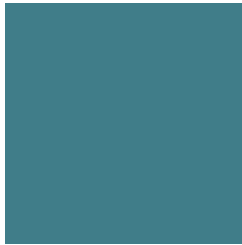


050004



# Previews

## White Background



This preview shows how the Hex color 407D89 looks on a white background.

## Color Contrast Check

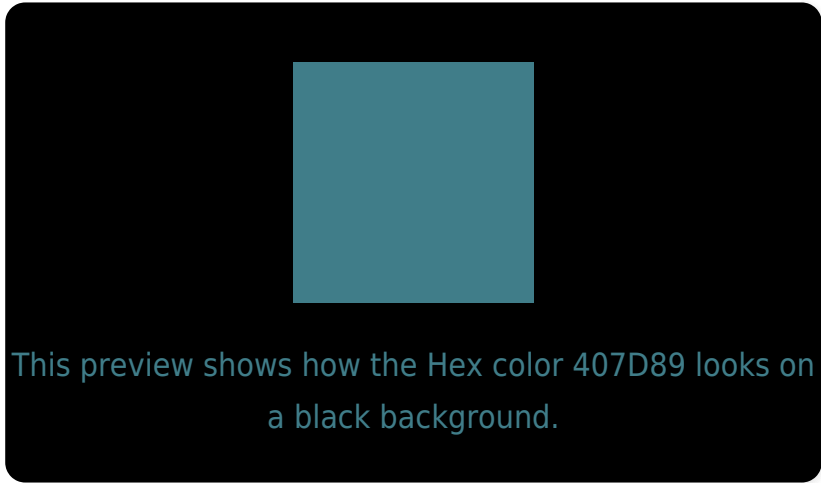
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

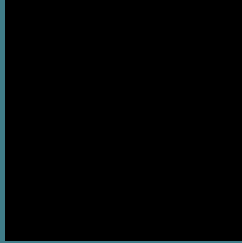
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 407D89 Background



This preview shows how black text looks on a background with the Hex color 407D89.

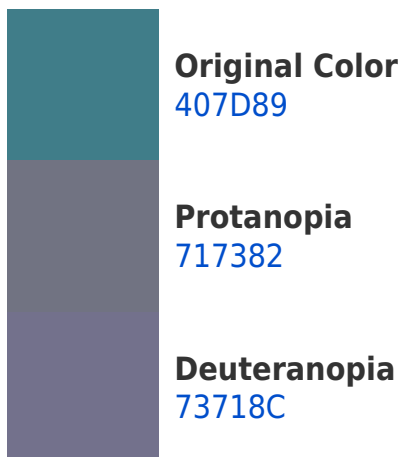


This preview shows how white text looks on a background with the Hex color 407D89.

# 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**  
3F7D87

# Trichromacy



**Original Color**  
407D89

**Protanomaly**  
5F7785

**Deuteranomaly**  
60758B

**Tritanomaly**  
3F7D88

# Monochromacy



**Original Color**  
407D89

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
5C7277

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 407D89 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 #407D89 looks like.

```
.text, #text, p{  
    color:#407D89  
}
```

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 #407D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407D89
}
```

## Border

The CSS property to change the border of an element to Hex 407D89 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
#407D89 }
```

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

```
.border{ border-color:#407D89 }
```

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

Here you see how a box with a 4 pixel #407D89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407D89; -webkit-box-shadow:4px 4px  
4px 4px #407D89; box-shadow:4px 4px 4px  
4px #407D89 }
```

# Background

The CSS property to change the background color of an element to Hex 407D89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407D89 }
```

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

```
.background{ background-color:#407D89 }
```

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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