

# Converting Colors

Hex(6D788B)

Have a look what the booklet for  
Hex(6D788B) contains.

<b>Hex(6D788B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6D788B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D788B
RGB	109, 120, 139
RGB Percent	43%, 47%, 55%
CMY	0.5725, 0.5294, 0.4549
CMYK	0.22, 0.14, 0.00, 0.45
HSL	218°, 12%, 49%
HSV	218°, 22%, 55%
XYZ	17.6833, 18.5482, 27.0743
YIQ	118.8770, -12.6550, 3.5770

# Conversions

## Conversions Part 2

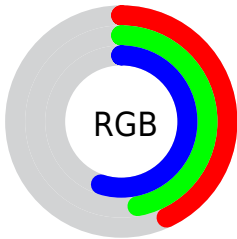
Format	Color
R <sub>Y</sub> B	109, 117, 139
Decimal	7174283
CIE Lab	50.15, 0.29, -11.71
CIE LCh	50, 11.710, 271.418
Yxy	18.5482, 0.2793, 0.2930
Android (android.graphics.Color)	4285364363 (0xFF6D788B)
YUV	118.8770, 9.9206, -8.6621
Hunter-Lab	43.0677, -2.0773, -7.1250

# Details

The Hex color **6D788B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B806D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A1ACC0**, and **3D4859** is the 20% darker color. If you saturate the color by 10%, you get **5F6F8B**, and if you desaturate by 10%, it is **7B818B**.

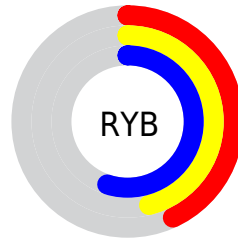
# Distribution



Red (43%)

Green (47%)

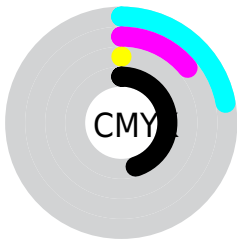
Blue (55%)



Red (43%)

Yellow (46%)

Blue (55%)

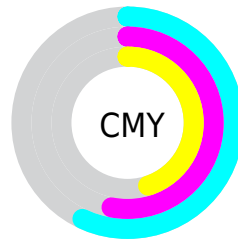


Cyan (22%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (53%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D788B 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 6D788B by changing the saturation by 10% instead.



■ 6D788B

■ 6D788B

FFFFFF

■ 545F72

■ A1ACC0

■ 3D4859

■ BCC7DC

■ 263142

■ D8E4F9

■ 111C2B

■ F4FFFF

■ 000117

■ 000000

■ 6D788B

■ 6D788B

■ 5F6F8B

■ 7B818B

■ 51668B

■ 898A8B

■ 435E8B

■ 97928B

■ 35558B

■ A59B8B

■ 284C8B

■ B3A48B

■ 1A438B

■ C0AD8B

■ 0C3A8B

■ CEB68B

■ 00338B

■ DCBE8B

■ EAC78B

# Harmonies

## Analogous

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



627B88



6D788B



7A7588

# Triad

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



6D788B



8C716D



697C6E

# Complementary

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



6D788B



8B806D

# 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.



747A66



6D788B



887466

# Square

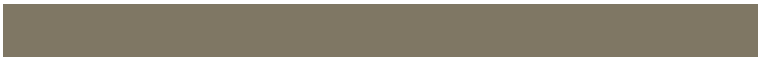
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6D788B



8B7077



7F7764



607D77

# Rectangle

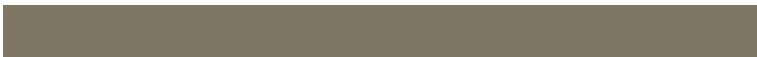
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6D788B



827384



7F7764



6C7C6B



# Sweetspot

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



6D788B



AAAEB5



6D8B80



55585C



DBDBDB



5C5C5C



# Same Dimension

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



6D788B



8697B5



716D8B



3E4045



003185



000205



# Inverse Universe

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



8B6D78



B58697



878B6D



453E40



850031

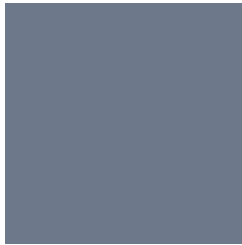


050002



# Previews

## White Background



This preview shows how the Hex color 6D788B looks on a white background.

## Color Contrast Check

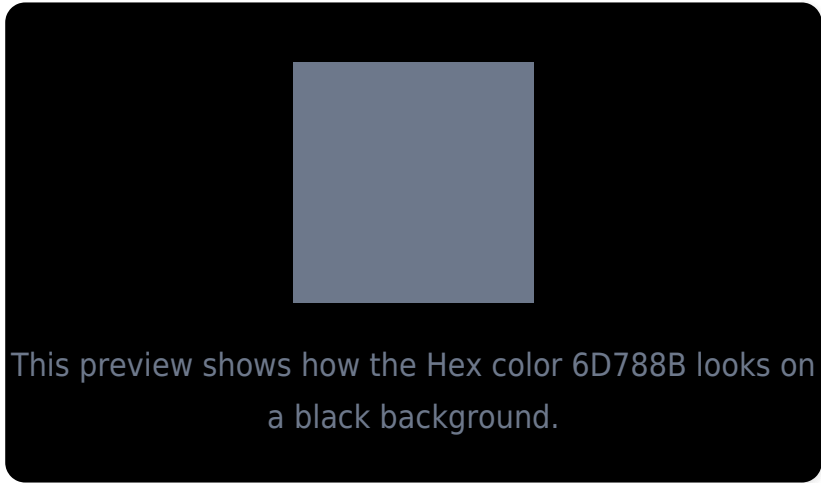
Large Text (above 18pt) WCAG AA ✓ Pass

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

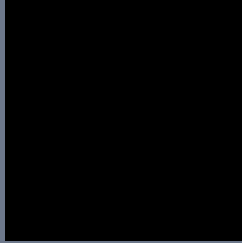
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

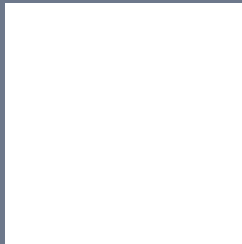
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D788B Background



This preview shows how black text looks on a background with the Hex color 6D788B.



This preview shows how white text looks on a background with the Hex color 6D788B.

# 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



**Original Color**  
6D788B

**Protanopia**  
74768A

**Deuteranopia**  
79748C



**Tritanopia**  
6B7983

# Trichromacy



**Original Color**  
6D788B

**Protanomaly**  
71778A

**Deuteranomaly**  
75758C

**Tritanomaly**  
6C7986

# Monochromacy



**Original Color**  
6D788B

**Achromatopsia**  
777777

**Achromatomaly**  
73777E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D788B 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 #6D788B looks like.

```
.text, #text, p{  
    color:#6D788B  
}
```

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 #6D788B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D788B
}
```

## Border

The CSS property to change the border of an element to Hex 6D788B is called "border". The border property can be set on classes, ids or directly on the HTML element.

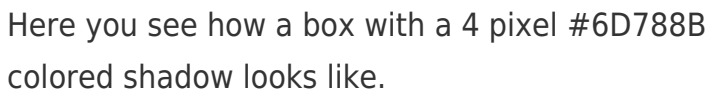
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D788B }
```

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

```
.border{ border-color:#6D788B }
```

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



Here you see how a box with a 4 pixel #6D788B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D788B; -webkit-box-shadow:4px 4px  
4px 4px #6D788B; box-shadow:4px 4px 4px  
4px #6D788B }
```

# Background

The CSS property to change the background color of an element to Hex 6D788B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D788B }
```

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

```
.background{ background-color:#6D788B }
```

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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