

Converting Colors

Hex(6F7783)

Have a look what the booklet for
Hex(6F7783) contains.

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Color

Hex(6F7783)

Conversions

Conversions Part 1

Format	Color
Hex	6F7783
RGB	111, 119, 131
RGB Percent	44%, 47%, 51%
CMY	0.5647, 0.5333, 0.4863
CMYK	0.15, 0.09, 0.00, 0.49
HSL	216°, 8%, 47%
HSV	216°, 15%, 51%
XYZ	17.2491, 18.2119, 24.0788
YIQ	117.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

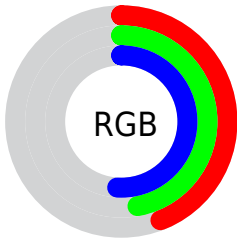
Format	Color
R_{YB}	111, 117, 131
Decimal	7305091
CIE Lab	49.75, -0.33, -7.58
CIE LCh	50, 7.587, 267.494
Yxy	18.2119, 0.2897, 0.3059
Android (android.graphics.Color)	4285495171 (0xFF6F7783)
YUV	117.9760, 6.4208, -6.1180
Hunter-Lab	42.6753, -2.5333, -3.5806

Details

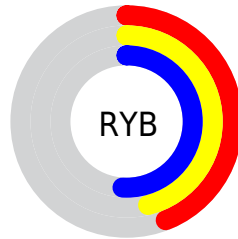
The Hex color **6F7783** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **837B6F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A3ABB8**, and **3F4752** is the 20% darker color. If you saturate the color by 10%, you get **626F83**, and if you desaturate by 10%, it is **7C7F83**.

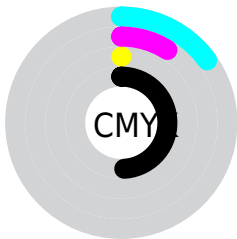
Distribution



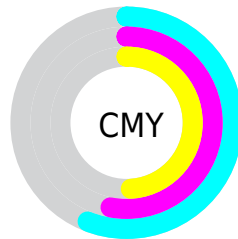
- Red (44%)
- Green (47%)
- Blue (51%)



- Red (44%)
- Yellow (46%)
- Blue (51%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (53%)
- Yellow (49%)
- Black (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7783 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 6F7783 by changing the saturation by 10% instead.

■ 6F7783

■ 6F7783

FFFFFF

■ 575E6A

■ A3ABB8

■ 3F4752

■ BEC6D4

■ 29303B

■ DAE2F0

■ 141C25

■ F6FFFF

■ 000110

■ 000000

■ 6F7783

■ 6F7783

■ 626F83

■ 7C7F83

■ 556783

■ 898783

■ 485F83

■ 968F83

■ 3B5883

■ A39683

■ 2E5083

■ B19E83

■ 204883

■ BEA683

■ 134083

■ CBAE83

■ 063883

■ D8B683

■ 003483

■ E5BE83

Harmonies

Analogous

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



697981



6F7783



777582

Triad

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



6F7783



847271



6E796F

Complementary

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



6F7783



837B6F

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.



75786B



6F7783



82746C

Square

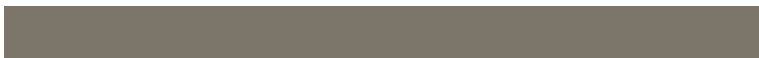
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6F7783



837277



7C766A



687A75

Rectangle

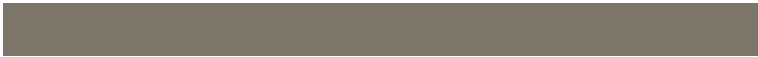
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6F7783



7C747F



7C766A



70796D

Sweetspot

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



6F7783



A2A6AB



6F837B



515457



D6D6D6



575757

Same Dimension

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



6F7783



8C98AB



716F83



3C3E42



003482



000103

Inverse Universe

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



836F77



AB8C98



81836F



423C3E



820034



030001

Previews

White Background



This preview shows how the Hex color 6F7783 looks on a white background.

Color Contrast Check

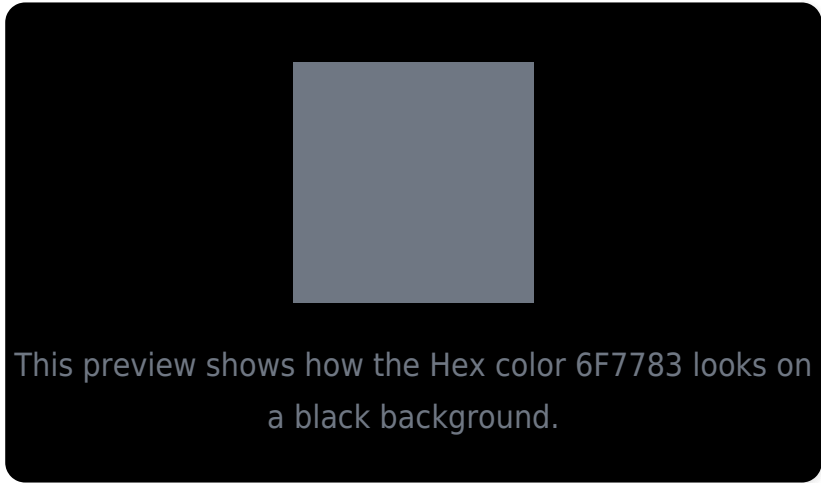
Large Text (above 18pt) WCAG AA ✓ Pass

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

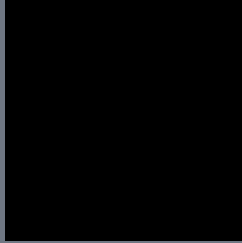
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

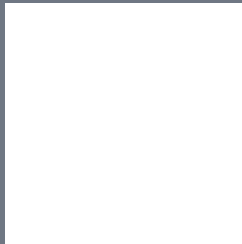
Any Text WCAG AAA × Fail

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

Hex 6F7783 Background



This preview shows how black text looks on a background with the Hex color 6F7783.

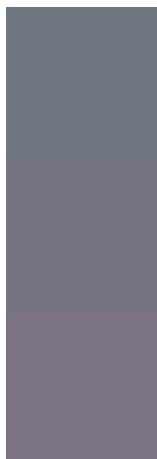


This preview shows how white text looks on a background with the Hex color 6F7783.

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
6F7783

Protanopia
757582

Deuteranopia
7B7384



Tritanopia
6F7781

Trichromacy



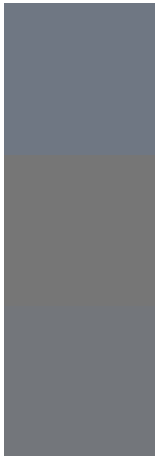
Original Color
6F7783

Protanomaly
737682

Deuteranomaly
777484

Tritanomaly
6F7782

Monochromacy



Original Color
6F7783

Achromatopsia
767676

Achromatomaly
73767B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7783 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 #6F7783 looks like.

```
.text, #text, p{  
    color:#6F7783  
}
```

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 #6F7783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7783
}
```

Border

The CSS property to change the border of an element to Hex 6F7783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

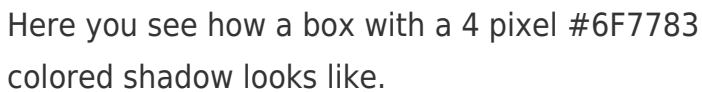
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F7783 }
```

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

```
.border{ border-color:#6F7783 }
```

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



Here you see how a box with a 4 pixel #6F7783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7783; -webkit-box-shadow:4px 4px  
4px 4px #6F7783; box-shadow:4px 4px 4px  
4px #6F7783 }
```

Background

The CSS property to change the background color of an element to Hex 6F7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7783 }
```

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

```
.background{ background-color:#6F7783 }
```

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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