

Converting Colors

Hex(6A7783)

Have a look what the booklet for
Hex(6A7783) contains.

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Color

Hex(6A7783)

Conversions

Conversions Part 1

Format	Color
Hex	6A7783
RGB	106, 119, 131
RGB Percent	42%, 47%, 51%
CMY	0.5843, 0.5333, 0.4863
CMYK	0.19, 0.09, 0.00, 0.49
HSL	209°, 11%, 46%
HSV	209°, 19%, 51%
XYZ	16.6374, 17.8965, 24.0502
YIQ	116.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

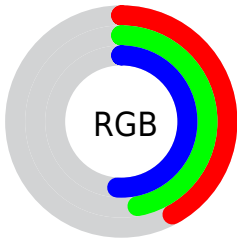
Format	Color
R_{YB}	106, 115, 131
Decimal	6977411
CIE _{Lab}	49.37, -2.07, -8.19
CIE _{LCh}	49, 8.448, 255.795
Yxy	17.8965, 0.2840, 0.3055
Android (android.graphics.Color)	4285167491 (0xFF6A7783)
YUV	116.4810, 7.1579, -9.1918
Hunter-Lab	42.3043, -3.8320, -4.0937

Details

The Hex color **6A7783** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83766A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9EABB8**, and **3A4752** is the 20% darker color. If you saturate the color by 10%, you get **5D7183**, and if you desaturate by 10%, it is **777D83**.

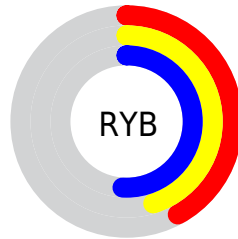
Distribution



Red (42%)

Green (47%)

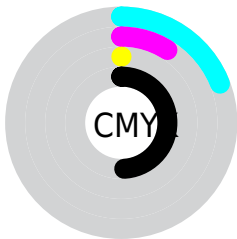
Blue (51%)



Red (42%)

Yellow (45%)

Blue (51%)

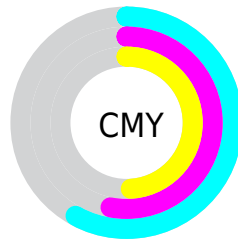


Cyan (19%)

Magenta (9%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7783 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 6A7783 by changing the saturation by 10% instead.

■ 6A7783

■ 6A7783

FFFFFF

■ 525E6A

■ 9EABB8

■ 3A4752

■ B9C6D4

■ 24303B

■ D4E2F0

■ 0F1C25

■ F1FFFF

■ 000110

■ 000000

■ 6A7783

■ 6A7783

■ 5D7183

■ 777D83

■ 506A83

■ 848483

■ 436483

■ 918A83

■ 365E83

■ 9E9083

■ 295883

■ AC9683

■ 1B5183

■ B99D83

■ 0E4B83

■ C6A383

■ 014583

■ D3A983

■ 004483

■ E0B083

Harmonies

Analogous

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



64797F



6A7783



737583

Triad

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



6A7783



857172



6F786B

Complementary

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



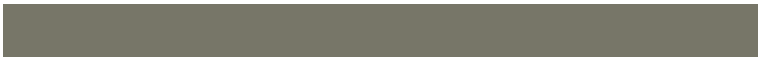
6A7783



83766A

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.



777668



6A7783



84726B

Square

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



6A7783



827179



7F7468



687972

Rectangle

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



6A7783



797381



7F7468



72776A

Sweetspot

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



6A7783



A1A6AB



6A8376



515457



D6D6D6



575757

Same Dimension

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



6A7783



8498AB



6A6B83



3C3F42



004482



000103

Inverse Universe

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



836A77



AB8498



83826A



423C3F



820044



030001

Previews

White Background



This preview shows how the Hex color 6A7783 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

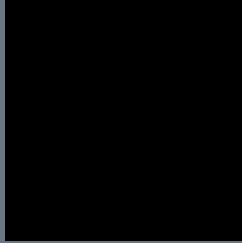
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

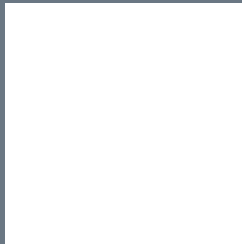
Any Text WCAG AAA × Fail

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

Hex 6A7783 Background



This preview shows how black text looks on a background with the Hex color 6A7783.



This preview shows how white text looks on a background with the Hex color 6A7783.

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

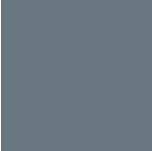
6A7783

Protanopia

747481

Deuteranopia

7A7284



Tritanopia
6A7781

Trichromacy



Original Color
6A7783

Protanomaly
707582

Deuteranomaly
747484

Tritanomaly
6A7782

Monochromacy



Original Color
6A7783

Achromatopsia
747474

Achromatomaly
707579

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7783 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 #6A7783 looks like.

```
.text, #text, p{  
    color:#6A7783  
}
```

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 #6A7783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7783
}
```

Border

The CSS property to change the border of an element to Hex 6A7783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

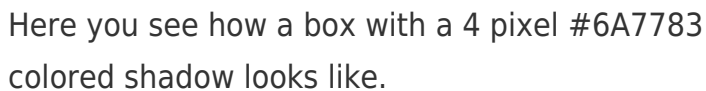
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7783 }
```

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

```
.border{ border-color:#6A7783 }
```

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



Here you see how a box with a 4 pixel #6A7783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7783; -webkit-box-shadow:4px 4px  
4px 4px #6A7783; box-shadow:4px 4px 4px  
4px #6A7783 }
```

Background

The CSS property to change the background color of an element to Hex 6A7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7783 }
```

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

```
.background{ background-color:#6A7783 }
```

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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