

Converting Colors

Hex(6A778F)

Have a look what the booklet for
Hex(6A778F) contains.

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Color

Hex(6A778F)

Conversions

Conversions Part 1

Format	Color
Hex	6A778F
RGB	106, 119, 143
RGB Percent	42%, 47%, 56%
CMY	0.5843, 0.5333, 0.4392
CMYK	0.26, 0.17, 0.00, 0.44
HSL	219°, 15%, 49%
HSV	219°, 26%, 56%
XYZ	17.4986, 18.2410, 28.5852
YIQ	117.8490, -15.4520, 4.7080

Conversions

Conversions Part 2

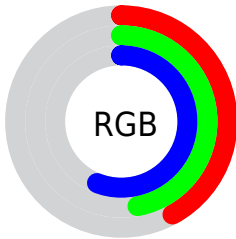
Format	Color
R _Y B	106, 116, 143
Decimal	6977423
CIE Lab	49.79, 0.88, -14.64
CIE LCh	50, 14.663, 273.423
Yxy	18.2410, 0.2720, 0.2836
Android (android.graphics.Color)	4285167503 (0xFF6A778F)
YUV	117.8490, 12.3994, -10.3916
Hunter-Lab	42.7095, -1.6079, -9.7858

Details

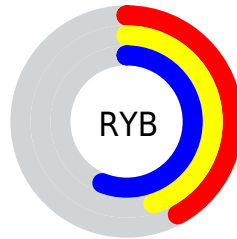
The Hex color **6A778F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8F826A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9EABC5**, and **3A475D** is the 20% darker color. If you saturate the color by 10%, you get **5C6E8F**, and if you desaturate by 10%, it is **78808F**.

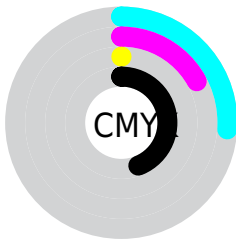
Distribution



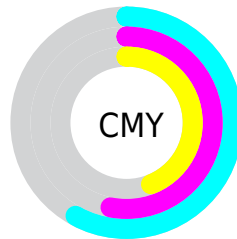
- Red (42%)
- Green (47%)
- Blue (56%)



- Red (42%)
- Yellow (45%)
- Blue (56%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A778F 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 6A778F by changing the saturation by 10% instead.

■ 6A778F

FFFFFF

■ 9EABC5

■ B9C6E1

■ D5E2FD

■ F1FFFF

■ 6A778F

■ 5C6E8F

■ 4D648F

■ 6A778F

■ 515E75

■ 3A475D

■ 233045

■ 0C1C2F

■ 00011A

■ 000000

■ 6A778F

■ 78808F

■ 878A8F

■ 3F5B8F

■ 95938F

■ 31528F

■ A39C8F

■ 23498F

■ B2A58F

■ 143F8F

■ C0AF8F

■ 06368F

■ CEB88F

■ 00328F

■ DCC18F

■ EBCA8F

Harmonies

Analogous

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



5C7B8C



6A778F



7A738B

Triad

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



6A778F



906F69



637D6B

Complementary

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



6A778F



8F826A

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.



717A61



6A778F



8A7261

Square

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



6A778F



8F6E75



7F765E



587E77

Rectangle

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



6A778F



847085



7F765E



677C67

Sweetspot

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



6A778F



ABB0BA



6A8F81



55585E



DEDEDE



5E5E5E

Same Dimension

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



6A778F



8095BA



6F6A8F



404347



002F87



000308

Inverse Universe

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



8F6A77



BA8095



8A8F6A



474043



87002F



080003

Previews

White Background



This preview shows how the Hex color 6A778F looks on a white background.

Color Contrast Check

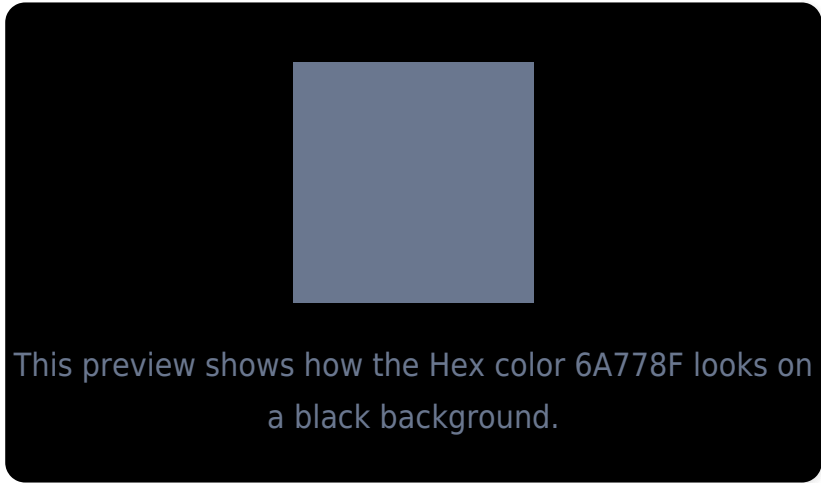
Large Text (above 18pt) WCAG AA ✓ Pass

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

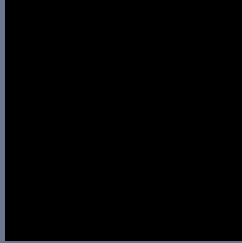
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

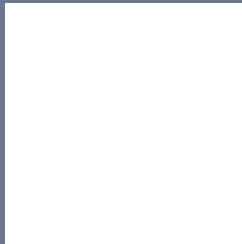
Any Text WCAG AAA × Fail

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

Hex 6A778F Background



This preview shows how black text looks on a background with the Hex color 6A778F.



This preview shows how white text looks on a background with the Hex color 6A778F.

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
6A778F

Protanopia
71758E

Deuteranopia
757490



Tritanopia
677983

Trichromacy



Original Color
6A778F

Protanomaly
6E768E

Deuteranomaly
717590

Tritanomaly
687887

Monochromacy



Original Color
6A778F

Achromatopsia
767676

Achromatomaly
72767F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A778F 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 #6A778F looks like.

```
.text, #text, p{  
    color:#6A778F  
}
```

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 #6A778F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A778F
}
```

Border

The CSS property to change the border of an element to Hex 6A778F is called "border". The border property can be set on classes, ids or directly on the HTML element.

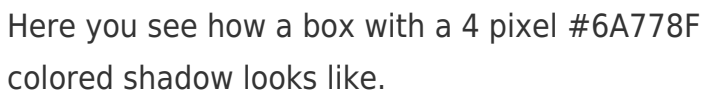
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A778F }
```

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

```
.border{ border-color:#6A778F }
```

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



Here you see how a box with a 4 pixel #6A778F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A778F; -webkit-box-shadow:4px 4px  
4px 4px #6A778F; box-shadow:4px 4px 4px  
4px #6A778F }
```

Background

The CSS property to change the background color of an element to Hex 6A778F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A778F }
```

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

```
.background{ background-color:#6A778F }
```

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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