

Converting Colors

Hex(6F78A5)

Have a look what the booklet for
Hex(6F78A5) contains.

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Color

Hex(6F78A5)

Conversions

Conversions Part 1

Format	Color
Hex	6F78A5
RGB	111, 120, 165
RGB Percent	44%, 47%, 65%
CMY	0.5647, 0.5294, 0.3529
CMYK	0.33, 0.27, 0.00, 0.35
HSL	230°, 23%, 54%
HSV	230°, 33%, 65%
XYZ	20.0635, 19.5291, 38.3093
YIQ	122.4390, -19.8090, 12.0870

Conversions

Conversions Part 2

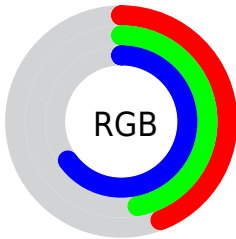
Format	Color
R_{YB}	111, 119, 165
Decimal	7305381
CIE _{Lab}	51.30, 7.62, -25.16
CIE _{LCh}	51, 26.286, 286.854
Yxy	19.5291, 0.2575, 0.2507
Android (android.graphics.Color)	4285495461 (0xFF6F78A5)
YUV	122.4390, 20.9826, -10.0320
Hunter-Lab	44.1917, 3.7056, -20.4637

Details

The Hex color **6F78A5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A59C6F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A4ACDC**, and **3D4871** is the 20% darker color. If you saturate the color by 10%, you get **5E6AA5**, and if you desaturate by 10%, it is **7F86A5**.

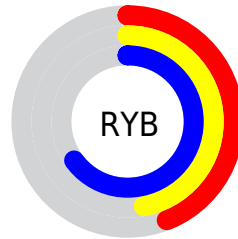
Distribution



Red (44%)

Green (47%)

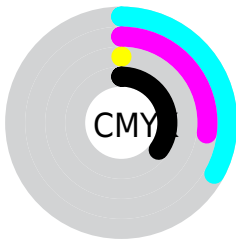
Blue (65%)



Red (44%)

Yellow (47%)

Blue (65%)

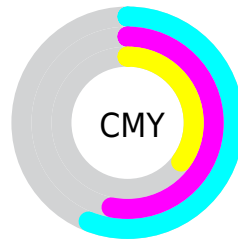


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (35%)



Cyan (56%)

Magenta (53%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F78A5 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 6F78A5 by changing the saturation by 10% instead.



6F78A5



6F78A5

FFFFFF



565F8B



A4ACDC



3D4871



C0C7F9



243158



DCE3FF



091D41



F9FFFF



00022B



000115



000000



6F78A5



6F78A5



5E6AA5



7F86A5

■ 4E5DA5

■ 9093A5

■ 3D4FA5

■ A1A1A5

■ 2D41A5

■ B1AFA5

■ 1D33A5

■ C2BDA5

■ 0C26A5

■ D2CAA5

■ 001CA5

■ E3D8A5

■ F3E6A5

■ FFF4A5

Harmonies

Analogous

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



4C7FA5



6F78A5



8D7099

Triad

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



6F78A5



A16E5A



48866F

Complementary

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



6F78A5



A59C6F

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.



63835B



6F78A5



92754F

Square

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



6F78A5



A76A6E



7D7D4F



308686

Rectangle

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



6F78A5



9B6C8C



7D7D4F



518568

Sweetspot

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



6F78A5



C1C4D6



6FA59C



5E606B



EBEBEB



6B6B6B

Same Dimension

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



6F78A5



8391D6



816FA5



494B52



001891



000312

Inverse Universe

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



A56F78



D68391



93A56F



52494B



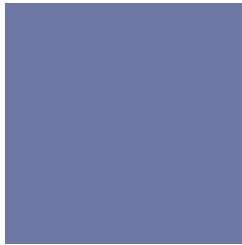
910018



120003

Previews

White Background



This preview shows how the Hex color 6F78A5 looks on a white background.

Color Contrast Check

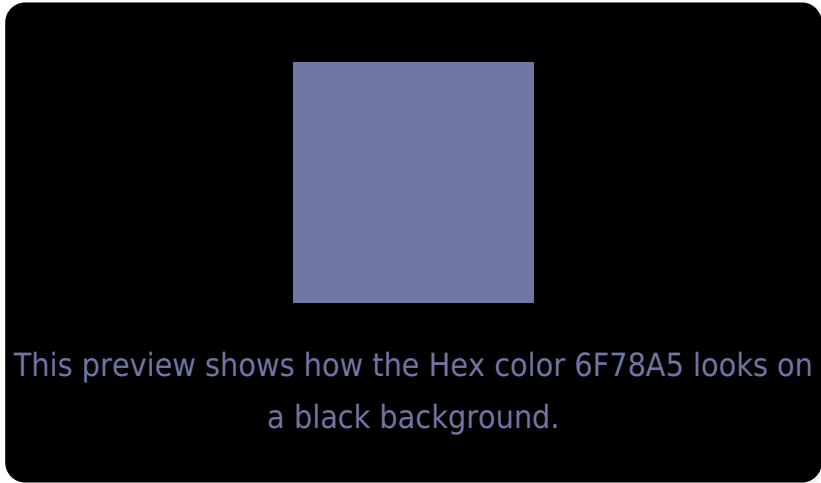
Large Text (above 18pt) WCAG AA ✓ Pass

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

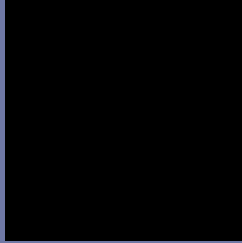
Any Text WCAG AA ✓ Pass

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 6F78A5 Background



This preview shows how black text looks on a background with the Hex color 6F78A5.



This preview shows how white text looks on a background with the Hex color 6F78A5.

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
6F78A5

Protanopia
6D78A5

Deuteranopia
6E78A5



Tritanopia
687E88

Trichromacy



Original Color
6F78A5

Protanomaly
6E78A5

Deuteranomaly
6E78A5

Tritanomaly
6B7C93

Monochromacy



Original Color
6F78A5

Achromatopsia
7A7A7A

Achromatomaly
76798A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F78A5 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 #6F78A5 looks like.

```
.text, #text, p{  
    color:#6F78A5  
}
```

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 #6F78A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F78A5
}
```

Border

The CSS property to change the border of an element to Hex 6F78A5 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
#6F78A5 }
```

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

```
.border{ border-color:#6F78A5 }
```

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

Here you see how a box with a 4 pixel #6F78A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F78A5; -webkit-box-shadow:4px 4px  
4px 4px #6F78A5; box-shadow:4px 4px 4px  
4px #6F78A5 }
```

Background

The CSS property to change the background color of an element to Hex 6F78A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F78A5 }
```

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

```
.background{ background-color:#6F78A5 }
```

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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