

Converting Colors

Hex(646F7A)

Have a look what the booklet for
Hex(646F7A) contains.

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Color

Hex(646F7A)

Conversions

Conversions Part 1

Format	Color
Hex	646F7A
RGB	100, 111, 122
RGB Percent	39%, 44%, 48%
CMY	0.6078, 0.5647, 0.5216
CMYK	0.18, 0.09, 0.00, 0.52
HSL	210°, 10%, 44%
HSV	210°, 18%, 48%
XYZ	14.4528, 15.4833, 20.6392
YIQ	108.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

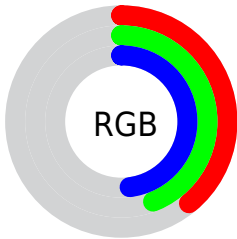
Format	Color
R_{YB}	100, 107, 122
Decimal	6582138
CIE _{Lab}	46.29, -1.61, -7.49
CIE _{LCh}	46, 7.664, 257.852
Yxy	15.4833, 0.2858, 0.3061
Android (android.graphics.Color)	4284772218 (0xFF646F7A)
YUV	108.9650, 6.4263, -7.8623
Hunter-Lab	39.3489, -3.2976, -3.5544

Details

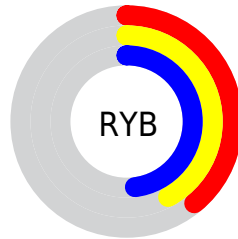
The Hex color **646F7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6F64**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **97A3AE**, and **353F49** is the 20% darker color. If you saturate the color by 10%, you get **58697A**, and if you desaturate by 10%, it is **70757A**.

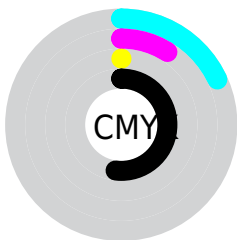
Distribution



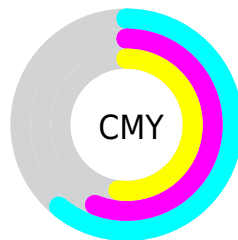
- Red (39%)
- Green (44%)
- Blue (48%)



- Red (39%)
- Yellow (42%)
- Blue (48%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (52%)



- Cyan (61%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646F7A 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 646F7A by changing the saturation by 10% instead.



646F7A



646F7A

FFFFFF



4C5761



97A3AE



353F49



B2BECA



1F2A33



CDD9E6



0A151E



EAF6FF



000003



000000



646F7A



646F7A



58697A



70757A



4C637A



7C7B7A

■ 3F5D7A

■ 89817A

■ 33577A

■ 95877A

■ 27517A

■ A18E7A

■ 1B4A7A

■ AD947A

■ 0F447A

■ B99A7A

■ 023E7A

■ C6A07A

■ 003D7A

■ D2A67A

Harmonies

Analogous

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



5F7177



646F7A



6C6D7A

Triad

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



646F7A



7C696A



677065

Complementary

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



646F7A



7A6F64

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.



6F6E61



646F7A



7A6A64

Square

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



646F7A



796A71



766C61



61716B

Rectangle

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



646F7A



716B78



766C61



6A7063

Sweetspot

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



646F7A



969A9E



647A6F



4A4D4F



CFCFCF



4F4F4F

Same Dimension

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



646F7A



7B8D9E



64647A



373A3D



003E7D



007EFC

Inverse Universe

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



7A646F



9E7B8D



7A7A64



3D373A



7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 646F7A looks on a white background.

Color Contrast Check

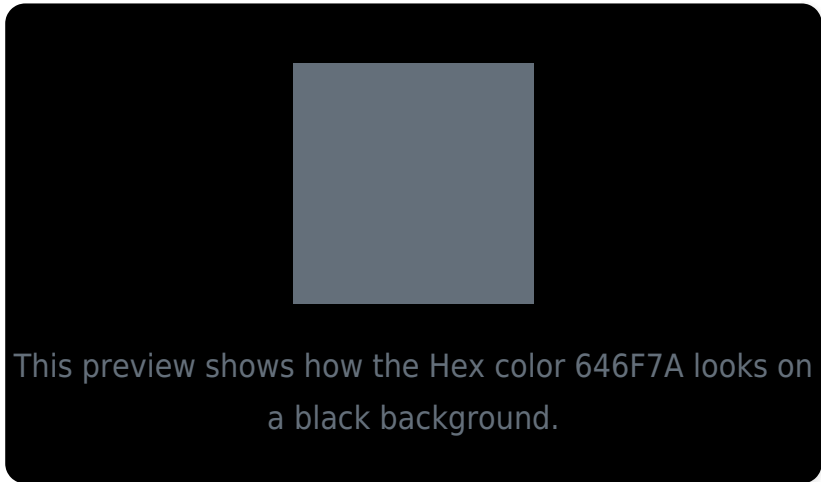
Large Text (above 18pt) WCAG AA ✓ Pass

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

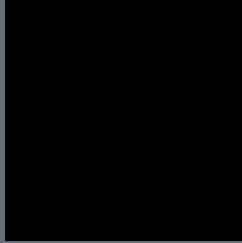
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

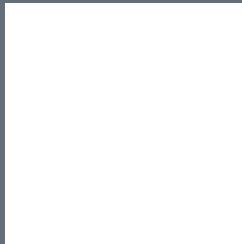
Any Text WCAG AAA × Fail

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

Hex 646F7A Background



This preview shows how black text looks on a background with the Hex color 646F7A.



This preview shows how white text looks on a background with the Hex color 646F7A.

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](#).

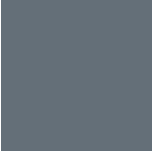
Dichromacy



Original Color
646F7A

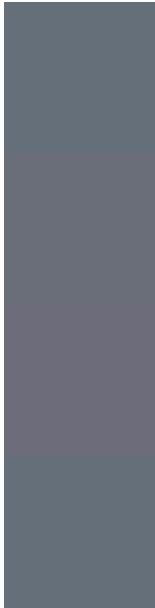
Protanopia
6C6D79

Deuteranopia
726B7B



Tritanopia
646F78

Trichromacy



Original Color

646F7A

Protanomaly

696E79

Deuteranomaly

6D6C7B

Tritanomaly

646F79

Monochromacy



Original Color

646F7A

Achromatopsia

6D6D6D

Achromatomaly

6A6E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 646F7A 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 #646F7A looks like.

```
.text, #text, p{  
    color:#646F7A  
}
```

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 #646F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646F7A
}
```

Border

The CSS property to change the border of an element to Hex 646F7A 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
#646F7A }
```

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

```
.border{ border-color:#646F7A }
```

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

Here you see how a box with a 4 pixel #646F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646F7A; -webkit-box-shadow:4px 4px  
4px 4px #646F7A; box-shadow:4px 4px 4px  
4px #646F7A }
```

Background

The CSS property to change the background color of an element to Hex 646F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646F7A }
```

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

```
.background{ background-color:#646F7A }
```

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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