

Converting Colors

Hex(646C74)

Have a look what the booklet for
Hex(646C74) contains.

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Color

Hex(646C74)

Conversions

Conversions Part 1

Format	Color
Hex	646C74
RGB	100, 108, 116
RGB Percent	39%, 42%, 45%
CMY	0.6078, 0.5765, 0.5451
CMYK	0.14, 0.07, 0.00, 0.55
HSL	210°, 7%, 42%
HSV	210°, 14%, 45%
XYZ	13.7705, 14.6954, 18.6337
YIQ	106.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

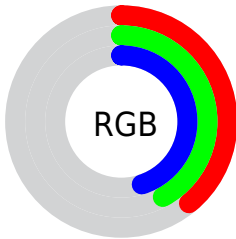
Format	Color
RYB	100, 105, 116
Decimal	6581364
CIELab	45.21, -1.25, -5.50
CIElCh	45, 5.637, 257.222
Yxy	14.6954, 0.2924, 0.3120
Android (android.graphics.Color)	4284771444 (0xFF646C74)
YUV	106.5200, 4.6736, -5.7180
Hunter-Lab	38.3346, -2.9651, -1.9855

Details

The Hex color **646C74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746C64**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **979FA8**, and **353D44** is the 20% darker color. If you saturate the color by 10%, you get **586674**, and if you desaturate by 10%, it is **707274**.

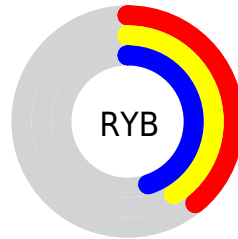
Distribution



Red (39%)

Green (42%)

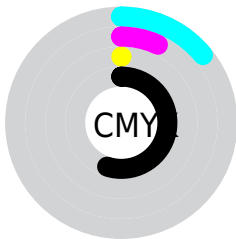
Blue (45%)



Red (39%)

Yellow (41%)

Blue (45%)

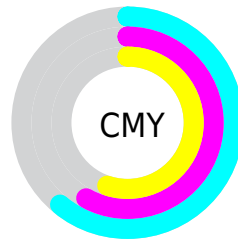


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (55%)



Cyan (61%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646C74 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 646C74 by changing the saturation by 10% instead.



646C74



646C74

FFFFFF



4C545B



979FA8



353D44



B2BAC3



20272E



CDD6DF



091219



E9F2FC



000000



646C74



646C74



586674



707274



4D6074



7B7874



415B74



877D74

■ 365574

■ 928374

■ 2A4F74

■ 9E8974

■ 1E4974

■ AA8F74

■ 134374

■ B59574

■ 073E74

■ C19A74

■ 003A74

■ CCA074

Harmonies

Analogous

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



606D72



646C74



6A6A74

Triad

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



646C74



756868



676D65

Complementary

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



646C74



746C64

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.



6C6C62



646C74



746964

Square

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



646C74



73686D



716A62



626E69

Rectangle

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



646C74



6D6972



716A62



686C63

Sweetspot

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



646C74



909396



64746C



494B4D



CCCCCC



4D4D4D

Same Dimension

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



646C74



7D8A96



646474



35383B



003D7A



007DFA

Inverse Universe

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



74646C



967D8A



747464



3B3538



7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 646C74 looks on a white background.

Color Contrast Check

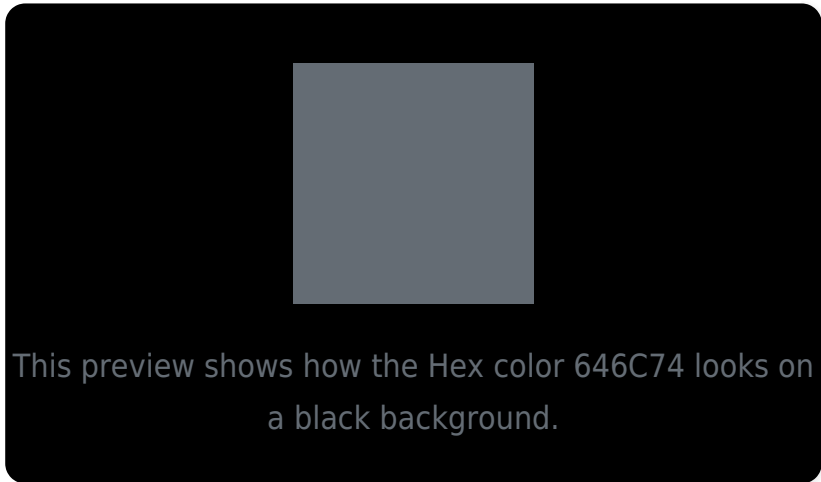
Large Text (above 18pt) WCAG AA ✓ Pass

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

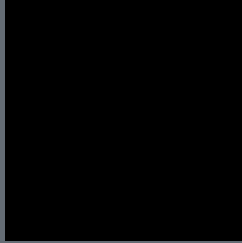
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

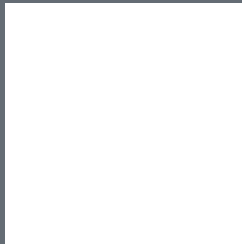
Any Text WCAG AAA × Fail

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

Hex 646C74 Background



This preview shows how black text looks on a background with the Hex color 646C74.



This preview shows how white text looks on a background with the Hex color 646C74.

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](#).

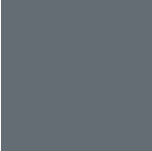
Dichromacy



Original Color
646C74

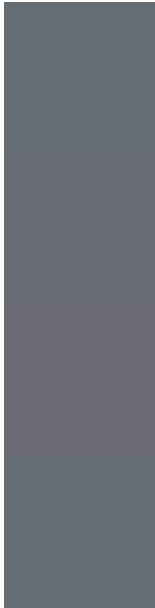
Protanopia
6A6A73

Deuteranopia
716875



Tritanopia
646C74

Trichromacy



Original Color

646C74

Protanomaly

686B73

Deuteranomaly

6C6975

Tritanomaly

646C74

Monochromacy



Original Color

646C74

Achromatopsia

6B6B6B

Achromatomaly

686B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 646C74 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 #646C74 looks like.

```
.text, #text, p{  
    color:#646C74  
}
```

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 #646C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646C74
}
```

Border

The CSS property to change the border of an element to Hex 646C74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

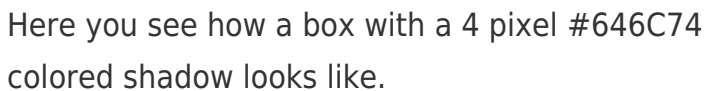
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646C74 }
```

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

```
.border{ border-color:#646C74 }
```

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



Here you see how a box with a 4 pixel #646C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646C74; -webkit-box-shadow:4px 4px  
4px 4px #646C74; box-shadow:4px 4px 4px  
4px #646C74 }
```

Background

The CSS property to change the background color of an element to Hex 646C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646C74 }
```

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

```
.background{ background-color:#646C74 }
```

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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