

Converting Colors

Hex(646F75)

Have a look what the booklet for
Hex(646F75) contains.

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Color

Hex(646F75)

Conversions

Conversions Part 1

Format	Color
Hex	646F75
RGB	100, 111, 117
RGB Percent	39%, 44%, 46%
CMY	0.6078, 0.5647, 0.5412
CMYK	0.15, 0.05, 0.00, 0.54
HSL	201°, 8%, 43%
HSV	201°, 15%, 46%
XYZ	14.1509, 15.3626, 19.0491
YIQ	108.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

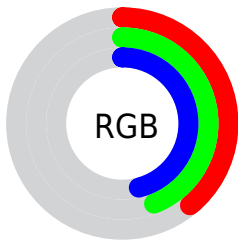
Format	Color
R_{YB}	100, 107, 117
Decimal	6582133
CIE _{Lab}	46.13, -2.78, -4.74
CIE _{LCh}	46, 5.500, 239.582
Yxy	15.3626, 0.2914, 0.3163
Android (android.graphics.Color)	4284772213 (0xFF646F75)
YUV	108.3950, 4.2423, -7.3624
Hunter-Lab	39.1951, -4.1464, -1.3787

Details

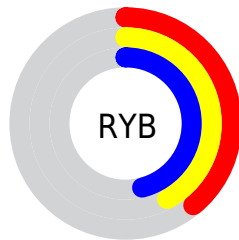
The Hex color **646F75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756A64**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **97A3A9**, and **353F45** is the 20% darker color. If you saturate the color by 10%, you get **586B75**, and if you desaturate by 10%, it is **707375**.

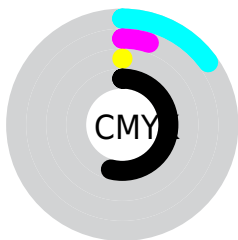
Distribution



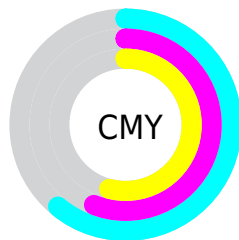
- Red (39%)
- Green (44%)
- Blue (46%)



- Red (39%)
- Yellow (42%)
- Blue (46%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (54%)



- Cyan (61%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646F75 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 646F75 by changing the saturation by 10% instead.

■ 646F75

■ 646F75

FFFFFF

■ 4C575C

■ 97A3A9

■ 353F45

■ B2BEC4

■ 202A2F

■ CDD9E0

■ 0A151A

■ E9F6FD

■ 000000

■ 646F75

■ 646F75

■ 586B75

■ 707375

■ 4D6775

■ 7B7775

■ 416375

■ 877B75

■ 355E75

■ 938075

■ 2A5A75

■ 9F8475

■ 1E5675

■ AA8875

■ 125275

■ B68C75

■ 064E75

■ C29075

■ 004C75

■ CD9475

Harmonies

Analogous

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



627072



646F75



696E76

Triad

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



646F75



776A6D



6C6E65

Complementary

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



646F75



756A64

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.



716D64



646F75



776A69

Square

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



646F75



736B72



756B65



677068

Rectangle

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



646F75



6C6D76



756B65



6E6E65

Sweetspot

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



646F75



939799



64756A



494B4D



CCCCCC



4D4D4D

Same Dimension

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



646F75



7F9099



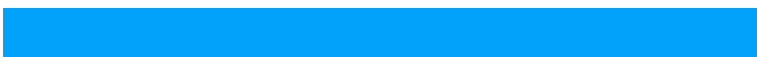
646775



35393B



004F7A



00A2FA

Inverse Universe

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



75646F



997F90



757264



3B3539



7A004F



FA00A2

Previews

White Background



This preview shows how the Hex color 646F75 looks on a white background.

Color Contrast Check

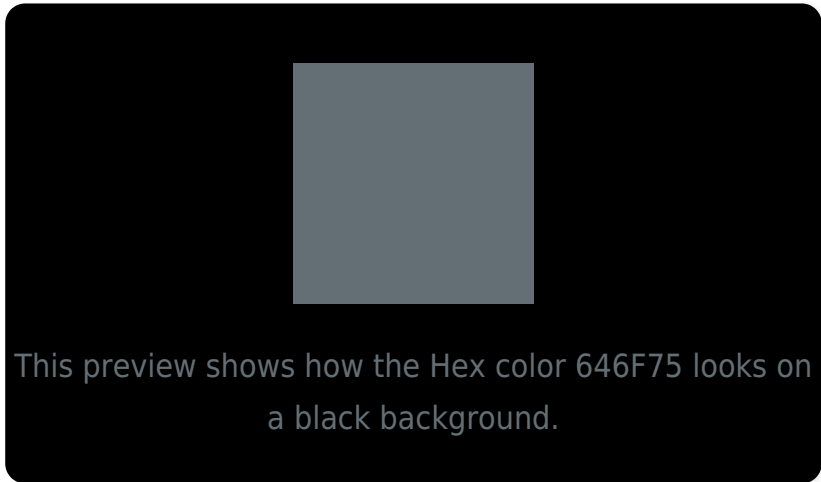
Large Text (above 18pt) WCAG AA ✓ Pass

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

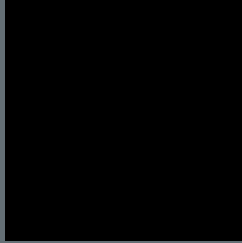
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

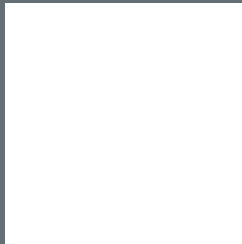
Any Text WCAG AAA × Fail

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

Hex 646F75 Background



This preview shows how black text looks on a background with the Hex color 646F75.



This preview shows how white text looks on a background with the Hex color 646F75.

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
646F75

Protanopia
6D6C73

Deuteranopia
746A76



Tritanopia
646F77

Trichromacy



Original Color

646F75

Protanomaly

6A6D74

Deuteranomaly

6E6C76

Tritanomaly

646F76

Monochromacy



Original Color

646F75

Achromatopsia

6C6C6C

Achromatomaly

696D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 646F75 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 #646F75 looks like.

```
.text, #text, p{  
    color:#646F75  
}
```

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 #646F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646F75
}
```

Border

The CSS property to change the border of an element to Hex 646F75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

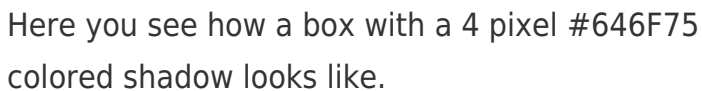
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646F75 }
```

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

```
.border{ border-color:#646F75 }
```

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



Here you see how a box with a 4 pixel #646F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646F75; -webkit-box-shadow:4px 4px  
4px 4px #646F75; box-shadow:4px 4px 4px  
4px #646F75 }
```

Background

The CSS property to change the background color of an element to Hex 646F75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646F75 }
```

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

```
.background{ background-color:#646F75 }
```

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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