

Converting Colors

Hex(646A73)

Have a look what the booklet for
Hex(646A73) contains.

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Color

Hex(646A73)

Conversions

Conversions Part 1

Format	Color
Hex	646A73
RGB	100, 106, 115
RGB Percent	39%, 42%, 45%
CMY	0.6078, 0.5843, 0.5490
CMYK	0.13, 0.08, 0.00, 0.55
HSL	216°, 7%, 42%
HSV	216°, 13%, 45%
XYZ	13.5041, 14.2552, 18.2594
YIQ	105.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

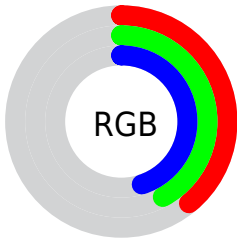
Format	Color
R_{YB}	100, 104, 115
Decimal	6580851
CIE Lab	44.60, -0.29, -5.81
CIE LCh	45, 5.821, 267.145
Yxy	14.2552, 0.2934, 0.3098
Android (android.graphics.Color)	4284770931 (0xFF646A73)
YUV	105.2320, 4.8156, -4.5885
Hunter-Lab	37.7561, -2.2296, -2.2444

Details

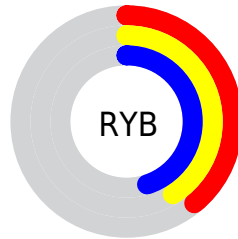
The Hex color **646A73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **736D64**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **979DA7**, and **353B43** is the 20% darker color. If you saturate the color by 10%, you get **596373**, and if you desaturate by 10%, it is **707173**.

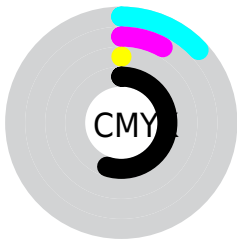
Distribution



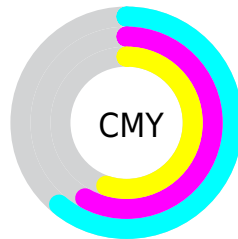
- Red (39%)
- Green (42%)
- Blue (45%)



- Red (39%)
- Yellow (41%)
- Blue (45%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646A73 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 646A73 by changing the saturation by 10% instead.

■ 646A73

■ 646A73

FFFFFF

■ 4C525A

■ 979DA7

■ 353B43

■ B2B8C2

■ 20252D

■ CDD4DE

■ 091018

■ E9F0FB

■ 000000

■ 646A73

■ 646A73

■ 596373

■ 707173

■ 4D5C73

■ 7B7873

■ 425573

■ 877F73

■ 364E73

■ 928673

■ 2B4873

■ 9D8C73

■ 1F4173

■ A99373

■ 143A73

■ B59A73

■ 083373

■ C0A173

■ 002E73

■ CCA873

Harmonies

Analogous

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



5F6B71



646A73



6A6872

Triad

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



646A73



746665



636C64

Complementary

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



646A73



736D64

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.



696B61



646A73



726761

Square

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



646A73



73666A



6E6960



5F6C69

Rectangle

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



646A73



6E6770



6E6960



656B63

Sweetspot

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



646A73



909396



64736D



494A4D



CCCCCC



4D4D4D

Same Dimension

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



646A73



7E8896



656473



35373B



00317A



0064FA

Inverse Universe

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



73646A



967E88



727364



3B3537



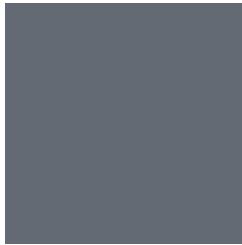
7A0031



FA0064

Previews

White Background



This preview shows how the Hex color 646A73 looks on a white background.

Color Contrast Check

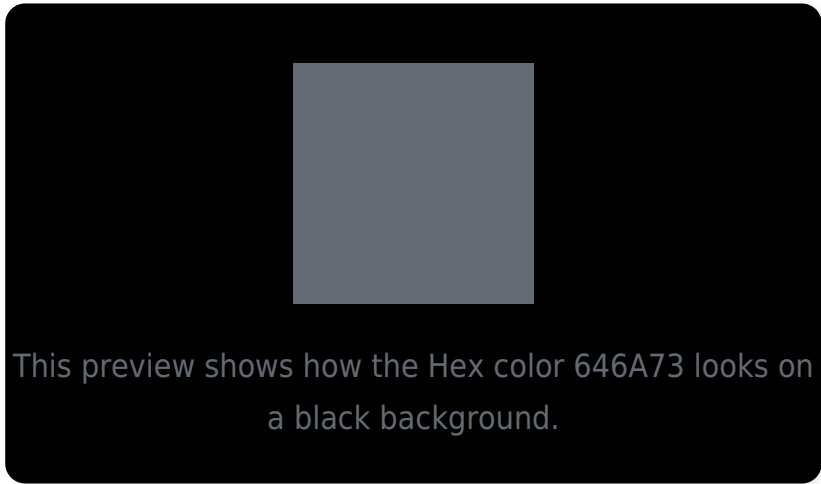
Large Text (above 18pt) WCAG AA ✓ Pass

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

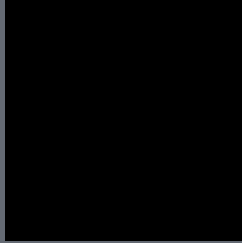
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

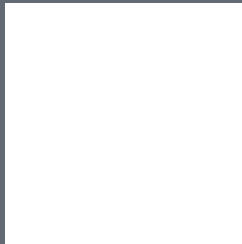
Any Text WCAG AAA × Fail

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

Hex 646A73 Background



This preview shows how black text looks on a background with the Hex color 646A73.



This preview shows how white text looks on a background with the Hex color 646A73.

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
646A73

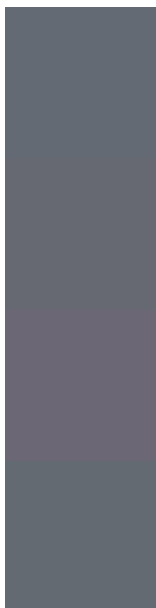
Protanopia
696972

Deuteranopia
6F6674



Tritanopia
646A72

Trichromacy



Original Color

646A73

Protanomaly

676972

Deuteranomaly

6B6774

Tritanomaly

646A72

Monochromacy



Original Color

646A73

Achromatopsia

696969

Achromatomaly

67696D

CSS Examples

Text

The CSS property to change the color of the text to Hex 646A73 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 #646A73 looks like.

```
.text, #text, p{  
    color:#646A73  
}
```

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 #646A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646A73
}
```

Border

The CSS property to change the border of an element to Hex 646A73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

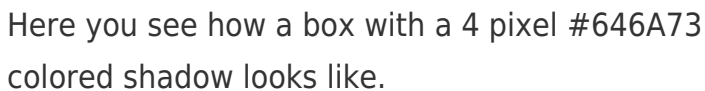
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646A73 }
```

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

```
.border{ border-color:#646A73 }
```

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



Here you see how a box with a 4 pixel #646A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646A73; -webkit-box-shadow:4px 4px  
4px 4px #646A73; box-shadow:4px 4px 4px  
4px #646A73 }
```

Background

The CSS property to change the background color of an element to Hex 646A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646A73 }
```

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

```
.background{ background-color:#646A73 }
```

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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