

Converting Colors

Hex(646F76)

Have a look what the booklet for
Hex(646F76) contains.

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Color

Hex(646F76)

Conversions

Conversions Part 1

Format	Color
Hex	646F76
RGB	100, 111, 118
RGB Percent	39%, 44%, 46%
CMY	0.6078, 0.5647, 0.5373
CMYK	0.15, 0.06, 0.00, 0.54
HSL	203°, 8%, 43%
HSV	203°, 15%, 46%
XYZ	14.2100, 15.3862, 19.3604
YIQ	108.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

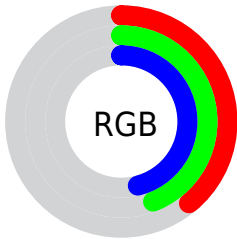
Format	Color
R_{YB}	100, 107, 118
Decimal	6582134
CIE _{Lab}	46.16, -2.55, -5.29
CIE _{LCh}	46, 5.878, 244.252
Yxy	15.3862, 0.2903, 0.3143
Android (android.graphics.Color)	4284772214 (0xFF646F76)
YUV	108.5090, 4.6791, -7.4624
Hunter-Lab	39.2253, -3.9797, -1.8061

Details

The Hex color **646F76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766B64**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **97A3AA**, and **353F46** is the 20% darker color. If you saturate the color by 10%, you get **586A76**, and if you desaturate by 10%, it is **707476**.

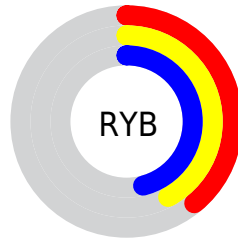
Distribution



Red (39%)

Green (44%)

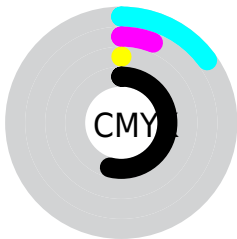
Blue (46%)



Red (39%)

Yellow (42%)

Blue (46%)

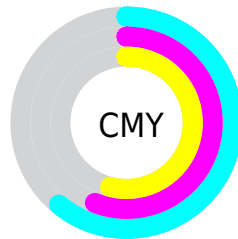


Cyan (15%)

Magenta (6%)

Yellow (0%)

Black (54%)



Cyan (61%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646F76 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 646F76 by changing the saturation by 10% instead.

■ 646F76

■ 646F76

FFFFFF

■ 4C575D

■ 97A3AA

■ 353F46

■ B2BEC5

■ 202A2F

■ CDD9E1

■ 0A151B

■ E9F6FE

■ 000000

■ 646F76

■ 646F76

■ 586A76

■ 707476

■ 4C6676

■ 7C7876

■ 416176

■ 877D76

■ 355D76

■ 938176

■ 295876

■ 9F8676

■ 1D5376

■ AB8B76

■ 114F76

■ B78F76

■ 064A76

■ C29476

■ 004876

■ CE9876

Harmonies

Analogous

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



617073



646F76



696D77

Triad

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



646F76



786A6D



6B6F65

Complementary

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



646F76



766B64

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



646F76



786A68

Square

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



646F76



756B72



756C65



667069

Rectangle

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



646F76



6D6C76



756C65



6D6E64

Sweetspot

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



646F76



919699



64766B



484B4D



CCCCCC



4D4D4D

Same Dimension

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



646F76



7D8E99



646676



35383B



004B7A



0099FA

Inverse Universe

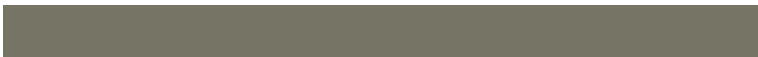
The Inverse Universe completely reimagines the original color for something new.



76646F



997D8E



767464



3B3538



7A004B



FA0099

Previews

White Background



This preview shows how the Hex color 646F76 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

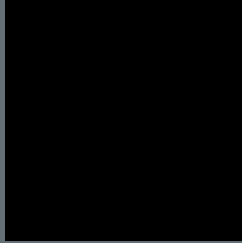
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

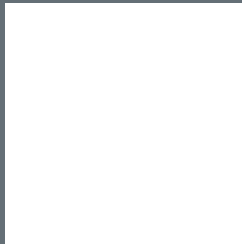
Any Text WCAG AAA × Fail

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

Hex 646F76 Background



This preview shows how black text looks on a background with the Hex color 646F76.



This preview shows how white text looks on a background with the Hex color 646F76.

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](#).

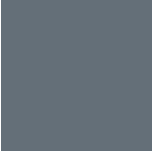
Dichromacy



Original Color
646F76

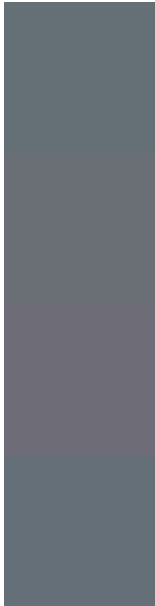
Protanopia
6D6D74

Deuteranopia
736A77



Tritanopia
646F78

Trichromacy



Original Color

646F76

Protanomaly

6A6E75

Deuteranomaly

6E6C77

Tritanomaly

646F77

Monochromacy



Original Color

646F76

Achromatopsia

6D6D6D

Achromatomaly

6A6E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 646F76 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 #646F76 looks like.

```
.text, #text, p{  
    color:#646F76  
}
```

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 #646F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646F76
}
```

Border

The CSS property to change the border of an element to Hex 646F76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

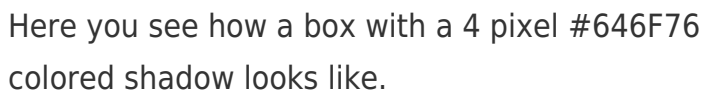
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646F76 }
```

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

```
.border{ border-color:#646F76 }
```

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



Here you see how a box with a 4 pixel #646F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646F76; -webkit-box-shadow:4px 4px  
4px 4px #646F76; box-shadow:4px 4px 4px  
4px #646F76 }
```

Background

The CSS property to change the background color of an element to Hex 646F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646F76 }
```

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

```
.background{ background-color:#646F76 }
```

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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