

Converting Colors

Hex(3F6D6A)

Have a look what the booklet for
Hex(3F6D6A) contains.

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Color

Hex(3F6D6A)

Conversions

Conversions Part 1

Format	Color
Hex	3F6D6A
RGB	63, 109, 106
RGB Percent	25%, 43%, 42%
CMY	0.7529, 0.5725, 0.5843
CMYK	0.42, 0.00, 0.03, 0.57
HSL	176°, 27%, 34%
HSV	176°, 42%, 43%
XYZ	10.1201, 13.0346, 15.6182
YIQ	94.9040, -26.4530, -10.6850

Conversions

Conversions Part 2

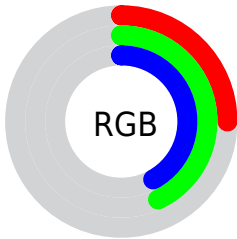
Format	Color
R_{YB}	63, 87, 109
Decimal	4156778
CIE _{Lab}	42.82, -16.53, -3.29
CIE _{LCh}	43, 16.855, 191.249
Yxy	13.0346, 0.2610, 0.3362
Android (android.graphics.Color)	4282346858 (0xFF3F6D6A)
YUV	94.9040, 5.4703, -27.9798
Hunter-Lab	36.1035, -13.1464, -0.3761

Details

The Hex color **3F6D6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3F42**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **72A19D**, and **0B3D3B** is the 20% darker color. If you saturate the color by 10%, you get **346D69**, and if you desaturate by 10%, it is **4A6D6B**.

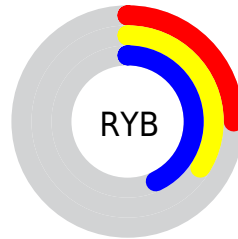
Distribution



Red (25%)

Green (43%)

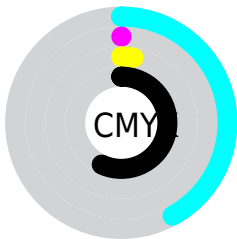
Blue (42%)



Red (25%)

Yellow (34%)

Blue (43%)

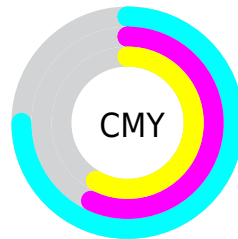


Cyan (42%)

Magenta (0%)

Yellow (3%)

Black (57%)



Cyan (75%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F6D6A 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 3F6D6A by changing the saturation by 10% instead.



3F6D6A



3F6D6A

FFFFFF



265552



72A19D



0B3D3B



8CBCB8



002725



A7D8D4



001210



C2F4F0



000000



DFFFFF



FCFFFF



3F6D6A



3F6D6A



346D69



4A6D6B

■ 296D69

■ 556D6B

■ 1E6D68

■ 606D6C

■ 136D67

■ 6B6D6D

■ 096D66

■ 766D6E

■ 006D66

■ 806D6E

■ 8B6D6F

■ 966D70

■ A16D70

Harmonies

Analogous

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



4B6C5C



3F6D6A



3D6C77

Triad

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



3F6D6A



6E607A



77614B

Complementary

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



3F6D6A



6D3F42

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.



805D53



3F6D6A



7B5C6E

Square

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



3F6D6A



5B6580



815B60



6A664A

Rectangle

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



3F6D6A



446A7D



815B60



7B604D

Sweetspot

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



3F6D6A



7C8F8E



426D3F



3C4747



C7C7C7



474747

Same Dimension

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



3F6D6A



468F8A



3F596D



303635



00756E



00F5E5

Inverse Universe

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



6D3F42



8F464B



6D533F



363031



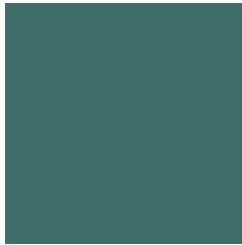
750008



F50010

Previews

White Background



This preview shows how the Hex color 3F6D6A looks on a white background.

Color Contrast Check

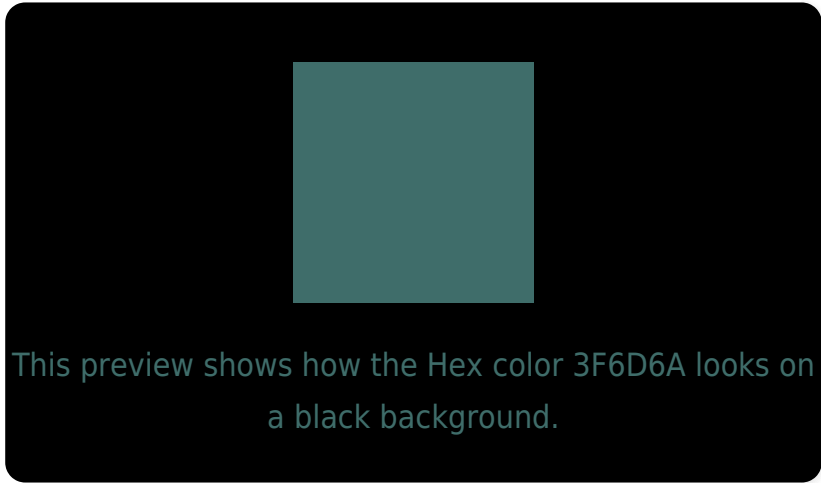
Large Text (above 18pt) WCAG AA ✓ Pass

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

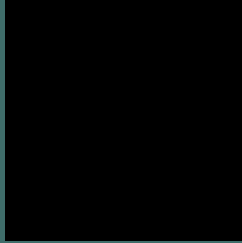
Any Text WCAG AA × Fail

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 3F6D6A Background



This preview shows how black text looks on a background with the Hex color 3F6D6A.



This preview shows how white text looks on a background with the Hex color 3F6D6A.

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
3F6D6A

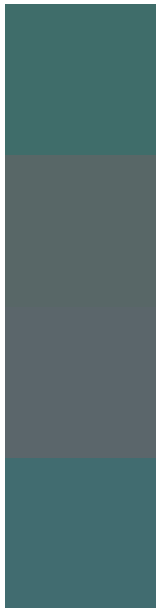
Protanopia
666465

Deuteranopia
6B626C



Tritanopia
426B74

Trichromacy



Original Color
3F6D6A

Protanomaly
586767

Deuteranomaly
5B666B

Tritanomaly
416C70

Monochromacy



Original Color
3F6D6A

Achromatopsia
5F5F5F

Achromatomaly
536463

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F6D6A 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 #3F6D6A looks like.

```
.text, #text, p{  
    color:#3F6D6A  
}
```

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 #3F6D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6D6A
}
```

Border

The CSS property to change the border of an element to Hex 3F6D6A 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
#3F6D6A }
```

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

```
.border{ border-color:#3F6D6A }
```

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

Here you see how a box with a 4 pixel #3F6D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6D6A; -webkit-box-shadow:4px 4px  
4px 4px #3F6D6A; box-shadow:4px 4px 4px  
4px #3F6D6A }
```

Background

The CSS property to change the background color of an element to Hex 3F6D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6D6A }
```

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

```
.background{ background-color:#3F6D6A }
```

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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