

Converting Colors

Hex(3A6F6B)

Have a look what the booklet for
Hex(3A6F6B) contains.

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Color

Hex(3A6F6B)

Conversions

Conversions Part 1

Format	Color
Hex	3A6F6B
RGB	58, 111, 107
RGB Percent	23%, 44%, 42%
CMY	0.7725, 0.5647, 0.5804
CMYK	0.48, 0.00, 0.04, 0.56
HSL	175°, 31%, 33%
HSV	175°, 48%, 44%
XYZ	10.0832, 13.3300, 15.9514
YIQ	94.6970, -30.3040, -12.4800

Conversions

Conversions Part 2

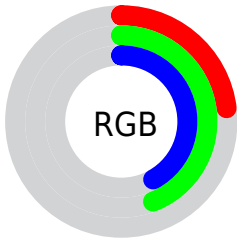
Format	Color
RYB	58, 86, 111
Decimal	3829611
CIELab	43.26, -18.72, -3.27
CIElCh	43, 19.002, 189.900
Yxy	13.3300, 0.2561, 0.3386
Android (android.graphics.Color)	4282019691 (0xFF3A6F6B)
YUV	94.6970, 6.0654, -32.1833
Hunter-Lab	36.5102, -14.5957, -0.3468

Details

The Hex color **3A6F6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F3A3E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6DA39E**, and **013F3C** is the 20% darker color. If you saturate the color by 10%, you get **2F6F6A**, and if you desaturate by 10%, it is **456F6C**.

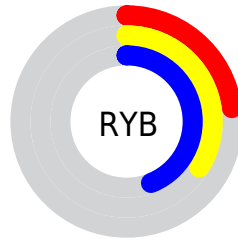
Distribution



Red (23%)

Green (44%)

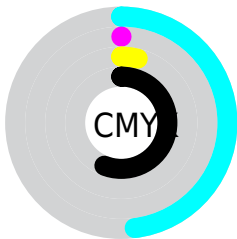
Blue (42%)



Red (23%)

Yellow (34%)

Blue (44%)

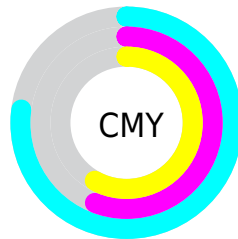


Cyan (48%)

Magenta (0%)

Yellow (4%)

Black (56%)



Cyan (77%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6F6B 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 3A6F6B by changing the saturation by 10% instead.



3A6F6B



3A6F6B

FFFFFF



205653



6DA39E



013F3C



88BEB9



002926



A3DAD5



001412



BEF6F1



000000



DBFFFF



F8FFFF



3A6F6B



3A6F6B



2F6F6A



456F6C

■ 246F69

■ 506F6D

■ 196F68

■ 5B6F6E

■ 0E6F68

■ 666F6E

■ 026F67

■ 726F6F

■ 006F67

■ 7D6F70

■ 886F71

■ 936F72

■ 9E6F73

Harmonies

Analogous

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



496E5B



3A6F6B



376E7A

Triad

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



3A6F6B



6F607E



7B6249

Complementary

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



3A6F6B



6F3A3E

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.



845D53



3A6F6B



7F5C71

Square

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



3A6F6B



5A6685



865B61



6C6747

Rectangle

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



3A6F6B



3E6C81



865B61



7F604C

Sweetspot

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



3A6F6B



7D9190



3E6F3A



3D4A49



C9C9C9



4A4A4A

Same Dimension

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



3A6F6B



3F918B



3A596F



323838



00786F



00F7E5

Inverse Universe

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



6F3A3E



913F45



6F503A



383233



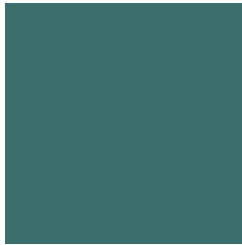
780009



F70013

Previews

White Background



This preview shows how the Hex color 3A6F6B looks on a white background.

Color Contrast Check

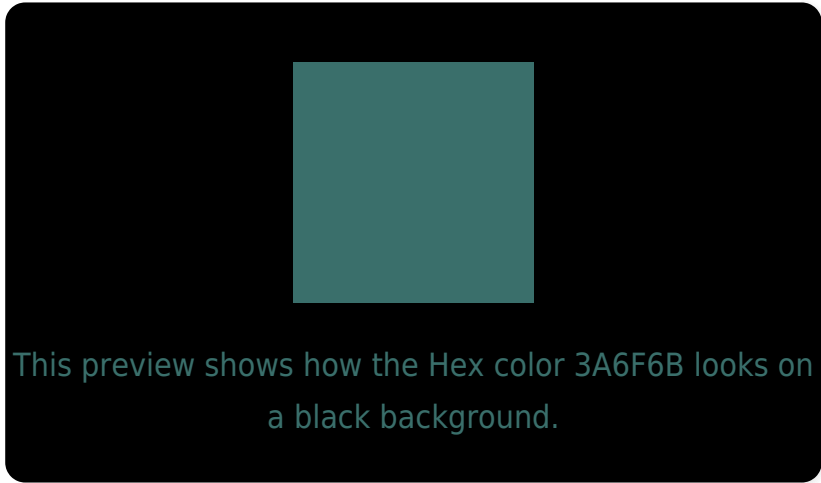
Large Text (above 18pt) WCAG AA ✓ Pass

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

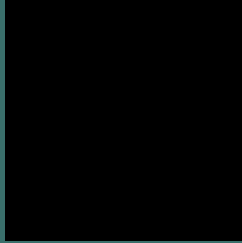
Any Text WCAG AA × Fail

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 3A6F6B Background



This preview shows how black text looks on a background with the Hex color 3A6F6B.



This preview shows how white text looks on a background with the Hex color 3A6F6B.

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
3A6F6B

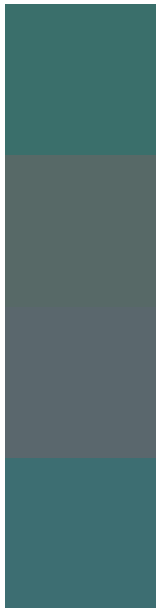
Protanopia
686565

Deuteranopia
6C636E



Tritanopia
3E6D76

Trichromacy



Original Color
3A6F6B

Protanomaly
576967

Deuteranomaly
5A676D

Tritanomaly
3D6E72

Monochromacy



Original Color
3A6F6B

Achromatopsia
5F5F5F

Achromatomaly
526563

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6F6B 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 #3A6F6B looks like.

```
.text, #text, p{  
    color:#3A6F6B  
}
```

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 #3A6F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6F6B
}
```

Border

The CSS property to change the border of an element to Hex 3A6F6B 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
#3A6F6B }
```

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

```
.border{ border-color:#3A6F6B }
```

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

Here you see how a box with a 4 pixel #3A6F6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6F6B; -webkit-box-shadow:4px 4px  
4px 4px #3A6F6B; box-shadow:4px 4px 4px  
4px #3A6F6B }
```

Background

The CSS property to change the background color of an element to Hex 3A6F6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6F6B }
```

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

```
.background{ background-color:#3A6F6B }
```

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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