

Converting Colors

Hex(3F736B)

Have a look what the booklet for
Hex(3F736B) contains.

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Color

Hex(3F736B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3F736B |
| RGB | 63, 115, 107 |
| RGB Percent | 25%, 45%, 42% |
| CMY | 0.7529, 0.5490, 0.5804 |
| CMYK | 0.45, 0.00, 0.07, 0.55 |
| HSL | 171°, 29%, 35% |
| HSV | 171°, 45%, 45% |
| XYZ | 10.8345, 14.3798, 16.1145 |
| YIQ | 98.5400, -28.4240, -13.5120 |

Conversions

Conversions Part 2

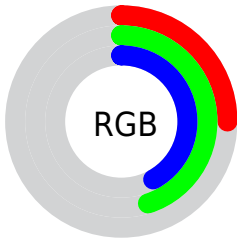
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 63, 91, 115 |
| Decimal | 4158315 |
| CIELab | 44.77, -19.52, -1.01 |
| CIELCh | 45, 19.544, 182.964 |
| Yxy | 14.3798, 0.2622, 0.3479 |
| Android (android.graphics.Color) | 4282348395 (0xFF3F736B) |
| YUV | 98.5400, 4.1708, -31.1686 |
| Hunter-Lab | 37.9207, -15.3612, 1.3491 |

Details

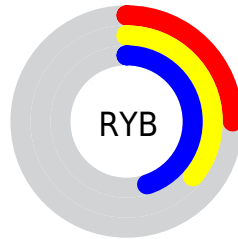
The Hex color **3F736B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **733F47**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **72A79E**, and **09433C** is the 20% darker color. If you saturate the color by 10%, you get **337369**, and if you desaturate by 10%, it is **4B736D**.

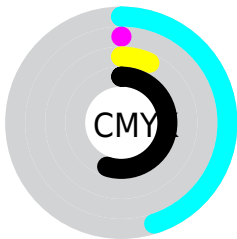
Distribution



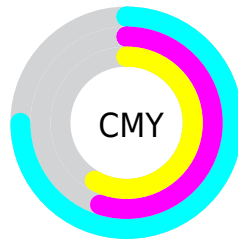
- Red (25%)
- Green (45%)
- Blue (42%)



- Red (25%)
- Yellow (36%)
- Blue (45%)



- Cyan (45%)
- Magenta (0%)
- Yellow (7%)
- Black (55%)



- Cyan (75%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F736B 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 3F736B by changing the saturation by 10% instead.



3F736B



3F736B

FFFFFF



265A53



72A79E



09433C



8CC2B9



002C26



A8DED5



001911



C3FBF1



000000



E0FFFF

F0FFFF



3F736B



3F736B



337369



4B736D

■ 287367

■ 56736F

■ 1D7366

■ 627370

■ 117364

■ 6D7372

■ 057362

■ 797374

■ 007361

■ 847376

■ 907377

■ 9B7379

■ A6737B

Harmonies

Analogous

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



50725B



3F736B



38727B

Triad

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



3F736B



6E6585



82644D

Complementary

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



3F736B



733F47

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.



8A5F59



3F736B



806079

Square

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



3F736B



586B8A



8A5E69



746949

Rectangle

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



3F736B



3D7183



8A5E69



856251

Sweetspot

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



3F736B



819693



48733F



3F4D4A



CCCCCC



4D4D4D

Same Dimension

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



3F736B



45968A



3F6273



353B3A



007A68



00FAD3

Inverse Universe

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



733F47



964552



73503F



3B3536



7A0013



FA0026

Previews

White Background



This preview shows how the Hex color 3F736B looks on a white background.

Color Contrast Check

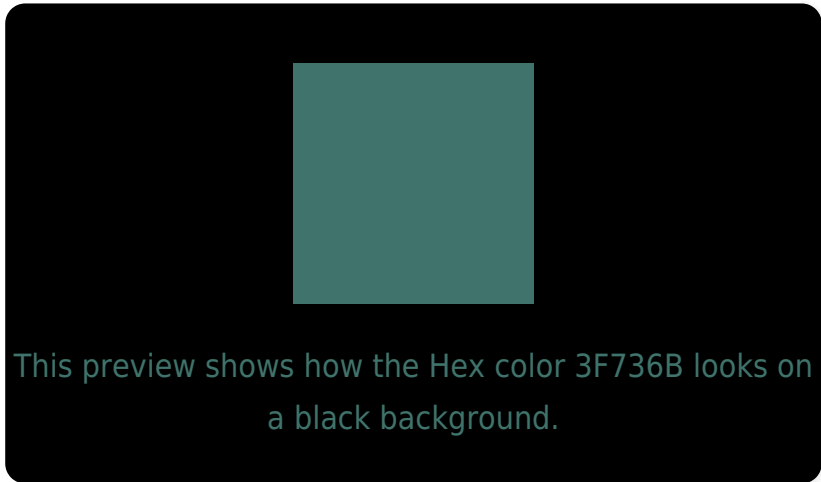
Large Text (above 18pt) WCAG AA ✓ Pass

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

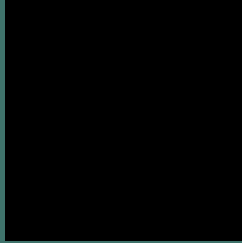
Any Text WCAG AA × Fail

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 3F736B Background



This preview shows how black text looks on a background with the Hex color 3F736B.

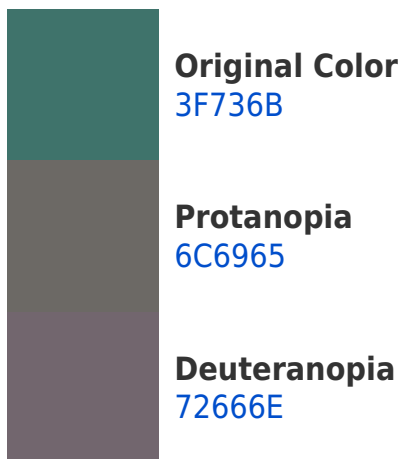


This preview shows how white text looks on a background with the Hex color 3F736B.

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](#).

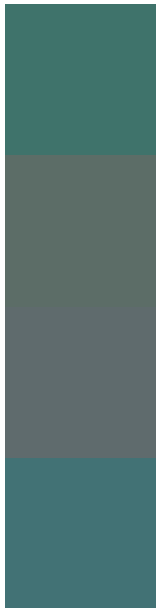
Dichromacy





Tritanopia
43717A

Trichromacy



Original Color
3F736B

Protanomaly
5C6D67

Deuteranomaly
5F6B6D

Tritanomaly
427275

Monochromacy



Original Color
3F736B

Achromatopsia
636363

Achromatomaly
566966

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F736B 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 #3F736B looks like.

```
.text, #text, p{  
    color:#3F736B  
}
```

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 #3F736B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F736B
}
```

Border

The CSS property to change the border of an element to Hex 3F736B 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
#3F736B }
```

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

```
.border{ border-color:#3F736B }
```

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

Here you see how a box with a 4 pixel #3F736B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F736B; -webkit-box-shadow:4px 4px  
4px 4px #3F736B; box-shadow:4px 4px 4px  
4px #3F736B }
```

Background

The CSS property to change the background color of an element to Hex 3F736B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F736B }
```

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

```
.background{ background-color:#3F736B }
```

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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