

Converting Colors

Hex(3C6F67)

Have a look what the booklet for
Hex(3C6F67) contains.

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Color

Hex(3C6F67)

Conversions

Conversions Part 1

Format	Color
Hex	3C6F67
RGB	60, 111, 103
RGB Percent	24%, 44%, 40%
CMY	0.7647, 0.5647, 0.5961
CMYK	0.46, 0.00, 0.07, 0.56
HSL	171°, 30%, 34%
HSV	171°, 46%, 44%
XYZ	9.9961, 13.3088, 14.8740
YIQ	94.8390, -27.8280, -13.3000

Conversions

Conversions Part 2

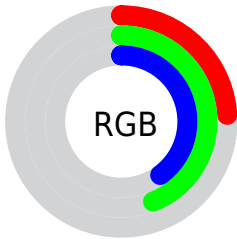
Format	Color
RYB	60, 88, 111
Decimal	3960679
CIELab	43.22, -19.27, -0.89
CIELCh	43, 19.288, 182.650
Yxy	13.3088, 0.2618, 0.3486
Android (android.graphics.Color)	4282150759 (0xFF3C6F67)
YUV	94.8390, 4.0234, -30.5538
Hunter-Lab	36.4812, -14.9320, 1.3634

Details

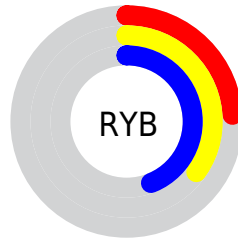
The Hex color **3C6F67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F3C44**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6FA39A**, and **053F38** is the 20% darker color. If you saturate the color by 10%, you get **316F65**, and if you desaturate by 10%, it is **476F69**.

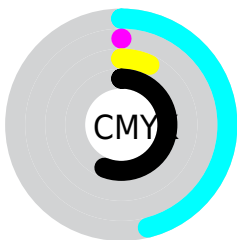
Distribution



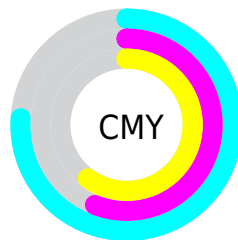
- Red (24%)
- Green (44%)
- Blue (40%)



- Red (24%)
- Yellow (35%)
- Blue (44%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (56%)



- Cyan (76%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6F67 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 3C6F67 by changing the saturation by 10% instead.



3C6F67



3C6F67

FFFFFF



23564F



6FA39A



053F38



89BEB5



002923



A4DAD0



00140D



C0F7ED



000000



DCFFFF



F9FFFF



3C6F67



3C6F67



316F65



476F69

■ 266F64

■ 526F6A

■ 1B6F62

■ 5D6F6C

■ 106F60

■ 686F6E

■ 046F5E

■ 746F70

■ 006F5E

■ 7F6F71

■ 8A6F73

■ 956F75

■ A06F77

Harmonies

Analogous

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



4C6E57



3C6F67



356E77

Triad

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



3C6F67



6A6281



7E604A

Complementary

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



3C6F67



6F3C44

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.



855C56



3C6F67



7C5D75

Square

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



3C6F67



546786



855A65



706646

Rectangle

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



3C6F67



396D7F



855A65



815E4D

Sweetspot

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



3C6F67



7D918E



456F3C



3D4A48



C9C9C9



4A4A4A

Same Dimension

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



3C6F67



419185



3C5E6F



323837



007865



00F7D1

Inverse Universe

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



6F3C44



91414E



6F4D3C



383233



780013



F70027

Previews

White Background



This preview shows how the Hex color 3C6F67 looks on a white background.

Color Contrast Check

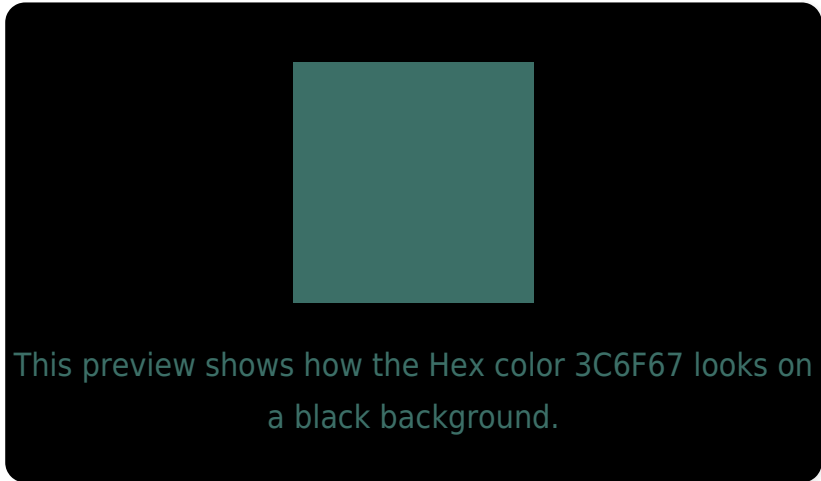
Large Text (above 18pt) WCAG AA ✓ Pass

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

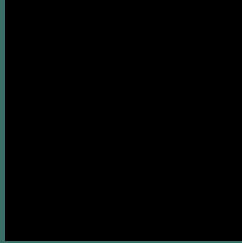
Any Text WCAG AA × Fail

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 3C6F67 Background



This preview shows how black text looks on a background with the Hex color 3C6F67.



This preview shows how white text looks on a background with the Hex color 3C6F67.

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
3C6F67

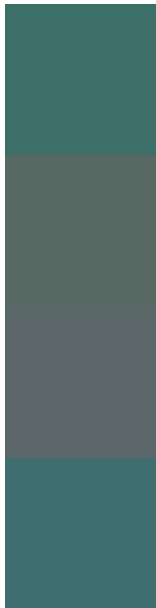
Protanopia
686561

Deuteranopia
6E636A



Tritanopia
406D76

Trichromacy



Original Color
3C6F67

Protanomaly
586963

Deuteranomaly
5C6769

Tritanomaly
3F6E71

Monochromacy



Original Color
3C6F67

Achromatopsia
5F5F5F

Achromatomaly
526562

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6F67 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 #3C6F67 looks like.

```
.text, #text, p{  
    color:#3C6F67  
}
```

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 #3C6F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6F67
}
```

Border

The CSS property to change the border of an element to Hex 3C6F67 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
#3C6F67 }
```

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

```
.border{ border-color:#3C6F67 }
```

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

Here you see how a box with a 4 pixel #3C6F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6F67; -webkit-box-shadow:4px 4px  
4px 4px #3C6F67; box-shadow:4px 4px 4px  
4px #3C6F67 }
```

Background

The CSS property to change the background color of an element to Hex 3C6F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6F67 }
```

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

```
.background{ background-color:#3C6F67 }
```

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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