

# Converting Colors

Hex(3D606C)

Have a look what the booklet for  
Hex(3D606C) contains.

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# Color

Hex(3D606C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D606C
RGB	61, 96, 108
RGB Percent	24%, 38%, 42%
CMY	0.7608, 0.6235, 0.5765
CMYK	0.44, 0.11, 0.00, 0.58
HSL	195°, 28%, 33%
HSV	195°, 44%, 42%
XYZ	8.8141, 10.4406, 15.7380
YIQ	86.9030, -24.7120, -3.6880

# Conversions

## Conversions Part 2

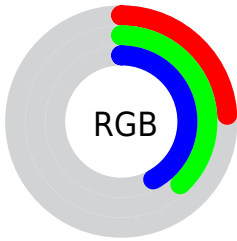
Format	Color
R <sub>Y</sub> B	61, 81, 108
Decimal	4022380
CIE Lab	38.62, -9.12, -10.79
CIE LCh	39, 14.126, 229.776
Yxy	10.4406, 0.2519, 0.2984
Android (android.graphics.Color)	4282212460 (0xFF3D606C)
YUV	86.9030, 10.4008, -22.7169
Hunter-Lab	32.3118, -7.8540, -6.2599

# Details

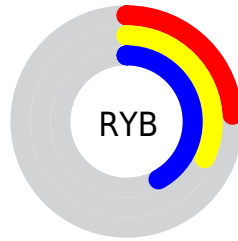
The Hex color **3D606C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C493D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6F939F**, and **0A323D** is the 20% darker color. If you saturate the color by 10%, you get **325D6C**, and if you desaturate by 10%, it is **48636C**.

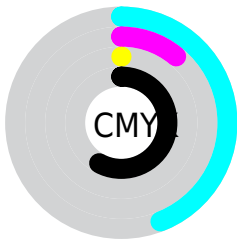
# Distribution



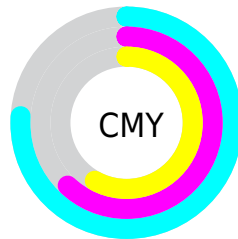
- Red (24%)
- Green (38%)
- Blue (42%)



- Red (24%)
- Yellow (32%)
- Blue (42%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D606C 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 3D606C by changing the saturation by 10% instead.



■ 3D606C

■ 3D606C

FFFFFF

■ 254854

■ 6F939F

■ 0A323D

■ 89ADBA

■ 001D27

■ A4C8D6

■ 000112

■ BFE5F2

■ 000000

■ DCFFFF

■ F8FFFF

■ 3D606C

■ 3D606C

■ 325D6C

■ 48636C

■ 275A6C

■ 53666C

■ 1D586C

■ 5D686C

■ 12556C

■ 686B6C

■ 07526C

■ 736E6C

■ 00506C

■ 7E716C

■ 89736C

■ 93766C

■ 9E796C

# Harmonies

## Analogous

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



3B6162



3D606C



485D71

# Triad

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



3D606C



6F535F



5C5D45

# Complementary

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



3D606C



6C493D

# 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.



675945



3D606C



735354

# Square

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



3D606C



66566A



70554A



4E604C

# Rectangle

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



3D606C



525B71



70554A



605B44



# Sweetspot

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



3D606C



7A888C



3D6C49



3C4447



C7C7C7



474747



# Same Dimension

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



3D606C



437A8C



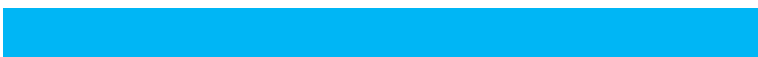
3D496C



303436



005775



00B6F5



# Inverse Universe

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



6C3D60



8C437A



6C603D



363034



750057

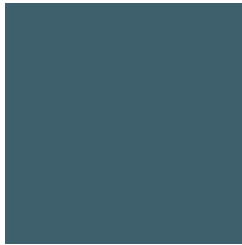


F500B6



# Previews

## White Background



This preview shows how the Hex color 3D606C looks on a white background.

## Color Contrast Check

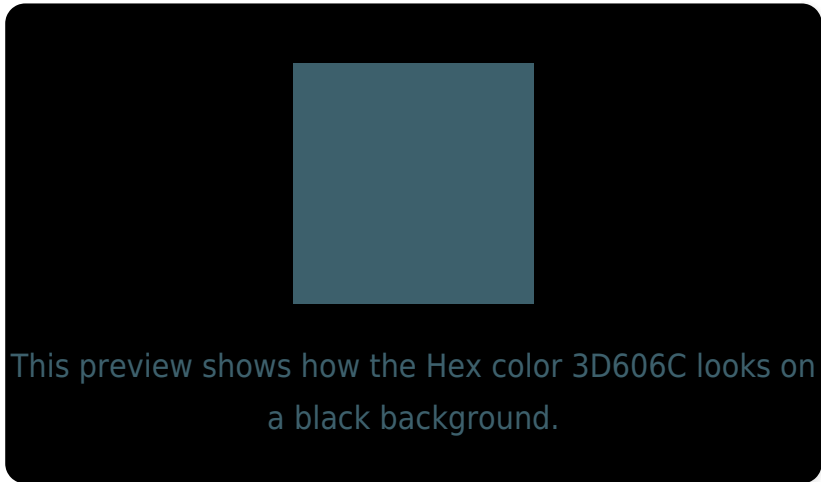
Large Text (above 18pt) WCAG AA ✓ Pass

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

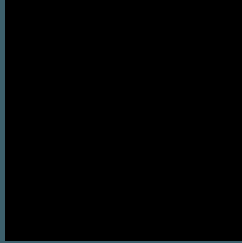
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

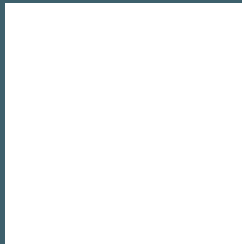
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D606C Background



This preview shows how black text looks on a background with the Hex color 3D606C.



This preview shows how white text looks on a background with the Hex color 3D606C.

# 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**  
3D606C

**Protanopia**  
585A68

**Deuteranopia**  
5A596E



**Tritanopia**  
3C6168

# Trichromacy



**Original Color**  
3D606C

**Protanomaly**  
4E5C69

**Deuteranomaly**  
4F5C6D

**Tritanomaly**  
3C6169

# Monochromacy



**Original Color**  
3D606C

**Achromatopsia**  
575757

**Achromatomaly**  
4E5A5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D606C 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 #3D606C looks like.

```
.text, #text, p{  
    color:#3D606C  
}
```

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 #3D606C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D606C
}
```

## Border

The CSS property to change the border of an element to Hex 3D606C 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
#3D606C }
```

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

```
.border{ border-color:#3D606C }
```

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

Here you see how a box with a 4 pixel #3D606C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D606C; -webkit-box-shadow:4px 4px  
4px 4px #3D606C; box-shadow:4px 4px 4px  
4px #3D606C }
```

# Background

The CSS property to change the background color of an element to Hex 3D606C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D606C }
```

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

```
.background{ background-color:#3D606C }
```

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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