

Converting Colors

Hex(3D6A80)

Have a look what the booklet for
Hex(3D6A80) contains.

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Color

Hex(3D6A80)

Conversions

Conversions Part 1

Format	Color
Hex	3D6A80
RGB	61, 106, 128
RGB Percent	24%, 42%, 50%
CMY	0.7608, 0.5843, 0.4980
CMYK	0.52, 0.17, 0.00, 0.50
HSL	200°, 35%, 37%
HSV	200°, 52%, 50%
XYZ	10.9748, 12.8587, 22.3256
YIQ	95.0530, -33.8820, -2.6980

Conversions

Conversions Part 2

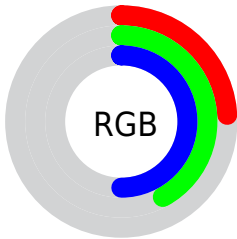
Format	Color
RYB	61, 88, 128
Decimal	4024960
CIELab	42.55, -8.89, -16.99
CIELCh	43, 19.175, 242.369
Yxy	12.8587, 0.2378, 0.2786
Android (android.graphics.Color)	4282215040 (0xFF3D6A80)
YUV	95.0530, 16.2429, -29.8645
Hunter-Lab	35.8590, -8.1227, -11.8123

Details

The Hex color **3D6A80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80533D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **719DB5**, and **003B4F** is the 20% darker color. If you saturate the color by 10%, you get **306680**, and if you desaturate by 10%, it is **4A6E80**.

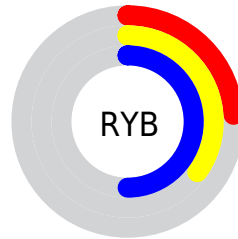
Distribution



Red (24%)

Green (42%)

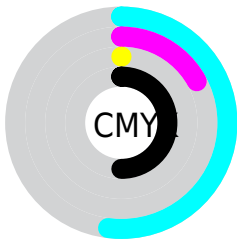
Blue (50%)



Red (24%)

Yellow (35%)

Blue (50%)

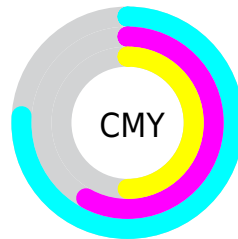


Cyan (52%)

Magenta (17%)

Yellow (0%)

Black (50%)



Cyan (76%)

Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6A80 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 3D6A80 by changing the saturation by 10% instead.

■ 3D6A80

■ 3D6A80

FFFFFF

■ 225267

■ 719DB5

■ 003B4F

■ 8CB8D0

■ 002538

■ A7D4ED

■ 001122

■ C3F0FF

■ 00000A

■ E0FFFF

■ 000000

FDFFFF

■ 3D6A80

■ 3D6A80

■ 306680

■ 4A6E80

■ 236280

■ 577280

■ 175D80

■ 637780

■ 0A5980

■ 707B80

■ 005680

■ 7D7F80

■ 8A8380

■ 978780

■ A38C80

■ B09080

Harmonies

Analogous

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



336D75



3D6A80



526584

Triad

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



3D6A80



835964



5D6949

Complementary

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



3D6A80



80533D

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.



6F6445



3D6A80



845A54

Square

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



3D6A80



7A5B73



7C5E49



4B6C55

Rectangle

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



3D6A80



616282



7C5E49



636747

Sweetspot

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



3D6A80



8B9DA6



3D8052



444F54



D4D4D4



545454

Same Dimension

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



3D6A80



3D83A6



3D4980



393E40



005680



000000

Inverse Universe

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



803D6A



A63D83



80743D



40393E



800056



000000

Previews

White Background



This preview shows how the Hex color 3D6A80 looks on a white background.

Color Contrast Check

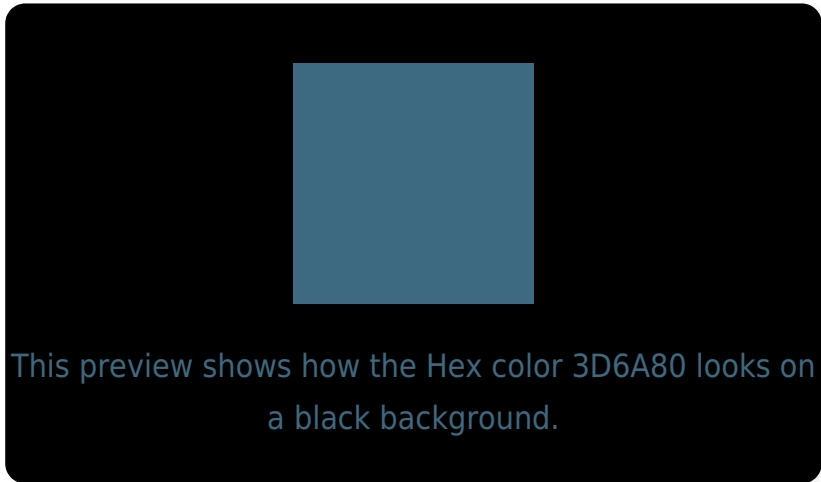
Large Text (above 18pt) WCAG AA ✓ Pass

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

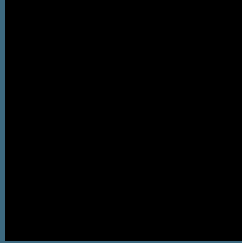
Any Text WCAG AA × Fail

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 3D6A80 Background



This preview shows how black text looks on a background with the Hex color 3D6A80.



This preview shows how white text looks on a background with the Hex color 3D6A80.

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
3D6A80

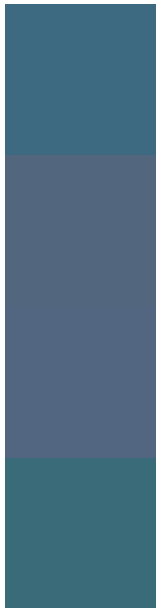
Protanopia
5E637B

Deuteranopia
5E6282



Tritanopia
396C75

Trichromacy



Original Color
3D6A80

Protanomaly
52667D

Deuteranomaly
526581

Tritanomaly
3A6B79

Monochromacy



Original Color
3D6A80

Achromatopsia
5F5F5F

Achromatomaly
53636B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6A80 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 #3D6A80 looks like.

```
.text, #text, p{  
    color:#3D6A80  
}
```

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 #3D6A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6A80
}
```

Border

The CSS property to change the border of an element to Hex 3D6A80 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
#3D6A80 }
```

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

```
.border{ border-color:#3D6A80 }
```

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

Here you see how a box with a 4 pixel #3D6A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6A80; -webkit-box-shadow:4px 4px  
4px 4px #3D6A80; box-shadow:4px 4px 4px  
4px #3D6A80 }
```

Background

The CSS property to change the background color of an element to Hex 3D6A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6A80 }
```

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

```
.background{ background-color:#3D6A80 }
```

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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