

Converting Colors

Hex(3D6A78)

Have a look what the booklet for
Hex(3D6A78) contains.

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Color

Hex(3D6A78)

Conversions

Conversions Part 1

Format	Color
Hex	3D6A78
RGB	61, 106, 120
RGB Percent	24%, 42%, 47%
CMY	0.7608, 0.5843, 0.5294
CMYK	0.49, 0.12, 0.00, 0.53
HSL	194°, 33%, 35%
HSV	194°, 49%, 47%
XYZ	10.4687, 12.6562, 19.6604
YIQ	94.1410, -31.3140, -5.1860

Conversions

Conversions Part 2

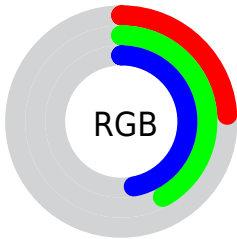
Format	Color
RYB	61, 87, 120
Decimal	4024952
CIELab	42.24, -11.36, -12.63
CIElCh	42, 16.987, 228.016
Yxy	12.6562, 0.2447, 0.2958
Android (android.graphics.Color)	4282215032 (0xFF3D6A78)
YUV	94.1410, 12.7485, -29.0647
Hunter-Lab	35.5756, -9.7309, -7.8630

Details

The Hex color **3D6A78** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784B3D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **709DAC**, and **043B48** is the 20% darker color. If you saturate the color by 10%, you get **316778**, and if you desaturate by 10%, it is **496D78**.

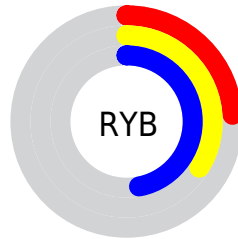
Distribution



Red (24%)

Green (42%)

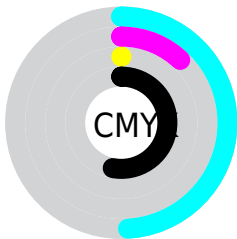
Blue (47%)



Red (24%)

Yellow (34%)

Blue (47%)

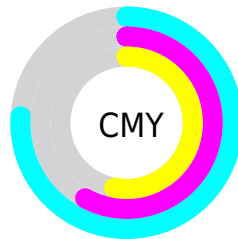


Cyan (49%)

Magenta (12%)

Yellow (0%)

Black (53%)



Cyan (76%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6A78 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 3D6A78 by changing the saturation by 10% instead.

 3D6A78

 3D6A78


FFFFFF

 23525F

 709DAC

 043B48

 8BB8C8

 002531

 A6D4E4

 00101C

 C2F0FF


 000000

 DEFFFF

 FBFFFF

 3D6A78

 3D6A78

 316778

 496D78

■ 256478

■ 557078

■ 196178

■ 617378

■ 0D5F78

■ 6D7578

■ 015C78

■ 797878

■ 005C78

■ 857B78

■ 917E78

■ 9D8178

■ A98478

Harmonies

Analogous

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



3C6C6C



3D6A78



4B677F

Triad

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



3D6A78



7C5A6A



656549

Complementary

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



3D6A78



784B3D

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.



736149



3D6A78



805A5C

Square

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



3D6A78



705D77



7D5C4F



556951

Rectangle

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



3D6A78



58647F



7D5C4F



6A6448

Sweetspot

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



3D6A78



84969C



3D784B



414C4F



CFCFCF



4F4F4F

Same Dimension

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



3D6A78



40869C



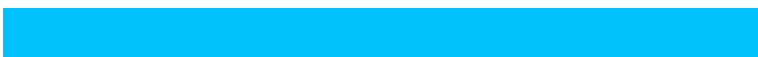
3D4D78



373C3D



005F7D



00C1FC

Inverse Universe

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



783D6A



9C4086



78683D



3D373C



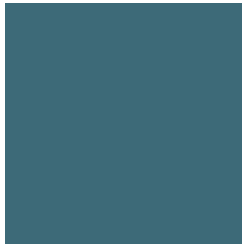
7D005F



FC00C1

Previews

White Background



This preview shows how the Hex color 3D6A78 looks on a white background.

Color Contrast Check

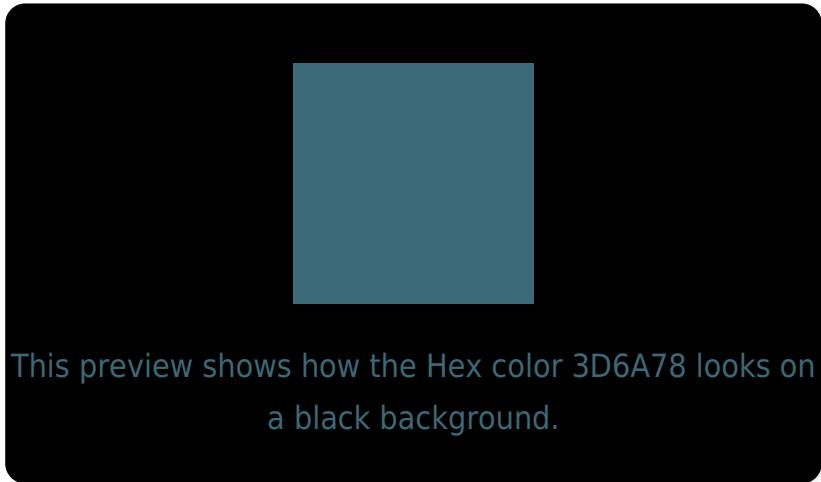
Large Text (above 18pt) WCAG AA ✓ Pass

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

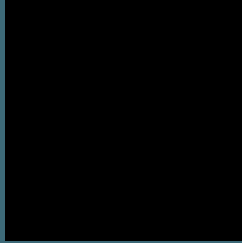
Any Text WCAG AA × Fail

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 3D6A78 Background



This preview shows how black text looks on a background with the Hex color 3D6A78.

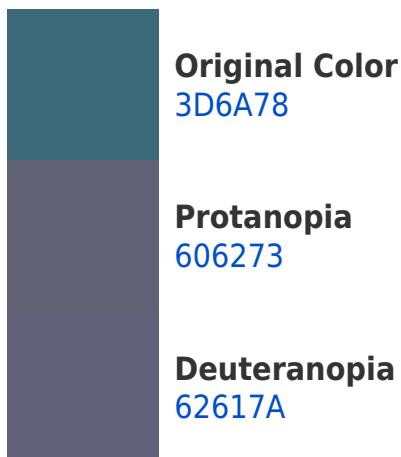



This preview shows how white text looks on a background with the Hex color 3D6A78.

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](#).

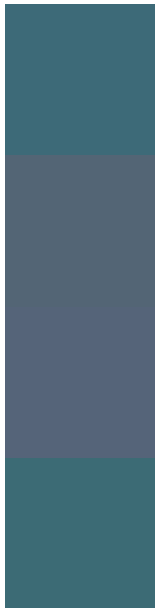
Dichromacy





Tritanopia
3B6B73

Trichromacy



Original Color
3D6A78

Protanomaly
536575

Deuteranomaly
556479

Tritanomaly
3C6B75

Monochromacy



Original Color
3D6A78

Achromatopsia
5E5E5E

Achromatomaly
526267

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6A78 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 #3D6A78 looks like.

```
.text, #text, p{  
    color:#3D6A78  
}
```

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 #3D6A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6A78  
}
```

Border

The CSS property to change the border of an element to Hex 3D6A78 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  
#3D6A78 }
```

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

```
.border{ border-color:#3D6A78 }
```

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

Here you see how a box with a 4 pixel #3D6A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6A78; -webkit-box-shadow:4px 4px  
4px 4px #3D6A78; box-shadow:4px 4px 4px  
4px #3D6A78 }
```

Background

The CSS property to change the background color of an element to Hex 3D6A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6A78 }
```

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

```
.background{ background-color:#3D6A78 }
```

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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