

Converting Colors

Hex(3D6C7A)

Have a look what the booklet for
Hex(3D6C7A) contains.

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Color

Hex(3D6C7A)

Conversions

Conversions Part 1

Format	Color
Hex	3D6C7A
RGB	61, 108, 122
RGB Percent	24%, 42%, 48%
CMY	0.7608, 0.5765, 0.5216
CMYK	0.50, 0.11, 0.00, 0.52
HSL	194°, 33%, 36%
HSV	194°, 50%, 48%
XYZ	10.7999, 13.1224, 20.3760
YIQ	95.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

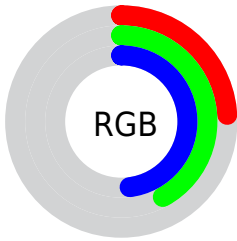
Format	Color
R _Y B	61, 88, 122
Decimal	4025466
CIE Lab	42.95, -11.91, -12.76
CIE LCh	43, 17.456, 226.992
Yxy	13.1224, 0.2438, 0.2962
Android (android.graphics.Color)	4282215546 (0xFF3D6C7A)
YUV	95.5430, 13.0433, -30.2942
Hunter-Lab	36.2248, -10.1763, -7.9925

Details

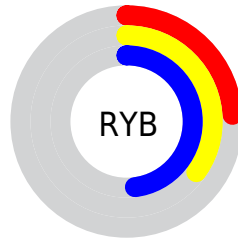
The Hex color **3D6C7A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4B3D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **719FAE**, and **023D49** is the 20% darker color. If you saturate the color by 10%, you get **31697A**, and if you desaturate by 10%, it is **496F7A**.

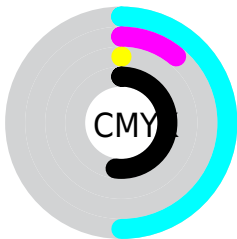
Distribution



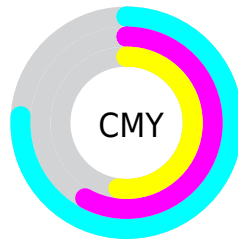
- Red (24%)
- Green (42%)
- Blue (48%)



- Red (24%)
- Yellow (35%)
- Blue (48%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (52%)



- Cyan (76%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6C7A 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 3D6C7A by changing the saturation by 10% instead.

■ 3D6C7A

■ 3D6C7A

FFFFFF

■ 235461

■ 719FAE

■ 023D49

■ 8BBACA

■ 002733

■ A6D6E6

■ 00131E

■ C2F3FF

■ 000001

■ DFFFFF

■ 000000

■ FFFFFF

■ 3D6C7A

■ 3D6C7A

■ 31697A

■ 496F7A

■ 25667A

■ 55727A

■ 18647A

■ 62747A

■ 0C617A

■ 6E777A

■ 005E7A

■ 7A7A7A

■ 867D7A

■ 92807A

■ 9F827A

■ AB857A

Harmonies

Analogous

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



3C6E6D



3D6C7A



4B6981

Triad

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



3D6C7A



7E5C6C



67674A

Complementary

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



3D6C7A



7A4B3D

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.



76624A



3D6C7A



835B5E

Square

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



3D6C7A



725F79



805E51



576B51

Rectangle

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



3D6C7A



586682



805E51



6D6649

Sweetspot

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



3D6C7A



86999E



3D7A4A



414C4F



CFCFCF



4F4F4F

Same Dimension

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



3D6C7A



3F889E



3D4E7A



373C3D



00607D



00C3FC

Inverse Universe

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



7A3D6C



9E3F88



7A693D



3D373C



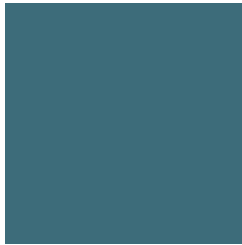
7D0060



FC00C3

Previews

White Background



This preview shows how the Hex color 3D6C7A looks on a white background.

Color Contrast Check

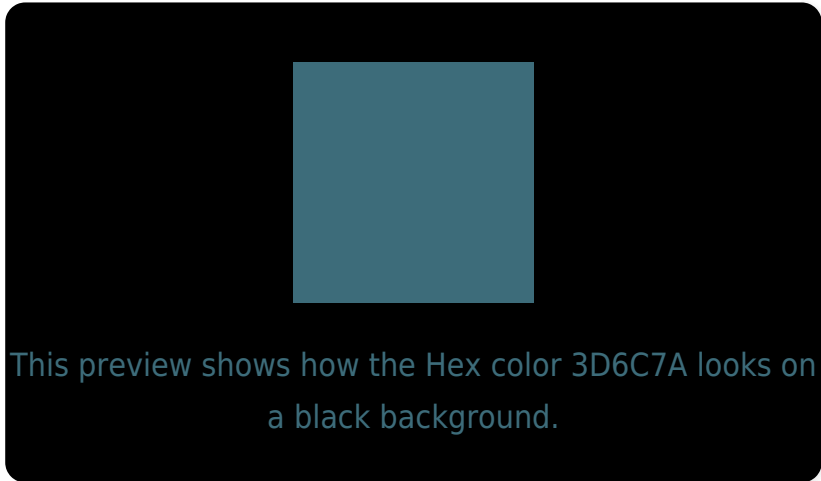
Large Text (above 18pt) WCAG AA ✓ Pass

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

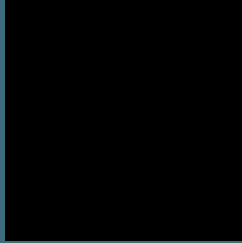
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

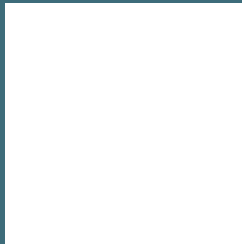
Any Text WCAG AAA × Fail

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

Hex 3D6C7A Background



This preview shows how black text looks on a background with the Hex color 3D6C7A.

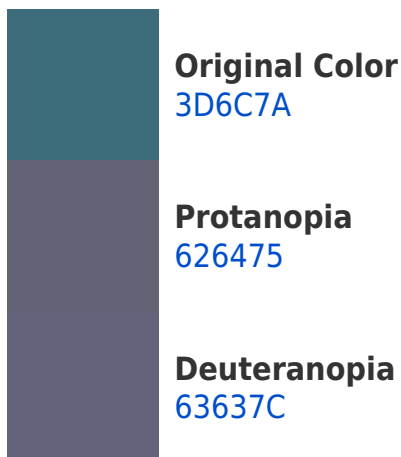



This preview shows how white text looks on a background with the Hex color 3D6C7A.

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](#).

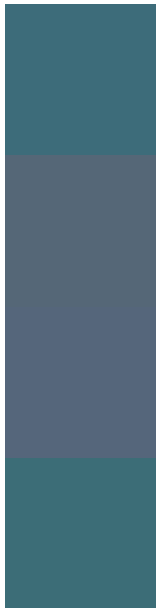
Dichromacy





Tritanopia
3C6D76

Trichromacy



Original Color
3D6C7A

Protanomaly
556777

Deuteranomaly
55667B

Tritanomaly
3C6D77

Monochromacy



Original Color
3D6C7A

Achromatopsia
606060

Achromatomaly
536469

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6C7A 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 #3D6C7A looks like.

```
.text, #text, p{  
    color:#3D6C7A  
}
```

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 #3D6C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6C7A
}
```

Border

The CSS property to change the border of an element to Hex 3D6C7A 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
#3D6C7A }
```

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

```
.border{ border-color:#3D6C7A }
```

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

Here you see how a box with a 4 pixel #3D6C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6C7A; -webkit-box-shadow:4px 4px  
4px 4px #3D6C7A; box-shadow:4px 4px 4px  
4px #3D6C7A }
```

Background

The CSS property to change the background color of an element to Hex 3D6C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6C7A }
```

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

```
.background{ background-color:#3D6C7A }
```

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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