

Converting Colors

Hex(3D6A76)

Have a look what the booklet for
Hex(3D6A76) contains.

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Color

Hex(3D6A76)

Conversions

Conversions Part 1

Format	Color
Hex	3D6A76
RGB	61, 106, 118
RGB Percent	24%, 42%, 46%
CMY	0.7608, 0.5843, 0.5373
CMYK	0.48, 0.10, 0.00, 0.54
HSL	193°, 32%, 35%
HSV	193°, 48%, 46%
XYZ	10.3485, 12.6082, 19.0277
YIQ	93.9130, -30.6720, -5.8080

Conversions

Conversions Part 2

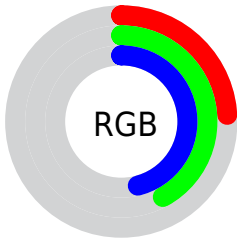
Format	Color
RYB	61, 86, 118
Decimal	4024950
CIELab	42.17, -11.97, -11.53
CIELCh	42, 16.616, 223.935
Yxy	12.6082, 0.2465, 0.3003
Android (android.graphics.Color)	4282215030 (0xFF3D6A76)
YUV	93.9130, 11.8749, -28.8647
Hunter-Lab	35.5080, -10.1166, -6.9163

Details

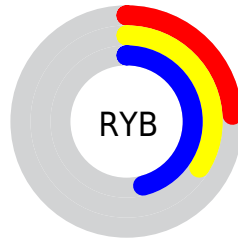
The Hex color **3D6A76** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76493D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **709DAA**, and **043B46** is the 20% darker color. If you saturate the color by 10%, you get **316876**, and if you desaturate by 10%, it is **496C76**.

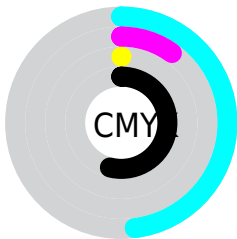
Distribution



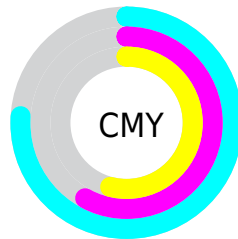
- Red (24%)
- Green (42%)
- Blue (46%)



- Red (24%)
- Yellow (34%)
- Blue (46%)



- Cyan (48%)
- Magenta (10%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6A76 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 3D6A76 by changing the saturation by 10% instead.

■ 3D6A76

■ 3D6A76

FFFFFF

■ 23525D

■ 709DAA

■ 043B46

■ 8BB8C5

■ 00252F

■ A6D4E1

■ 000F1B

■ C2F0FE

■ 000000

■ DEFFFF

■ FBFFFF

■ 3D6A76

■ 3D6A76

■ 316876

■ 496C76

■ 256576

■ 556F76

■ 1A6376

■ 607176

■ 0E6076

■ 6C7476

■ 025E76

■ 787676

■ 005D76

■ 847976

■ 907B76

■ 9B7E76

■ A78076

Harmonies

Analogous

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



3D6B6A



3D6A76



49677D

Triad

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



3D6A76



7A5A6B



676549

Complementary

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



3D6A76



76493D

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.



74604A



3D6A76



7F5A5E

Square

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



3D6A76



6E5E77



7D5C51



58684F

Rectangle

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



3D6A76



55647F



7D5C51



6C6348

Sweetspot

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



3D6A76



849499



3D7648



3F4A4D



CCCCCC



4D4D4D

Same Dimension

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



3D6A76



408699



3D4E76



35393B



00617A



00C5FA

Inverse Universe

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



763D6A



994086



76653D



3B3539



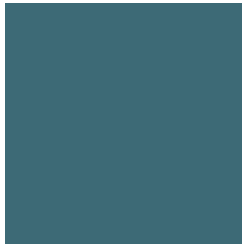
7A0061



FA00C5

Previews

White Background



This preview shows how the Hex color 3D6A76 looks on a white background.

Color Contrast Check

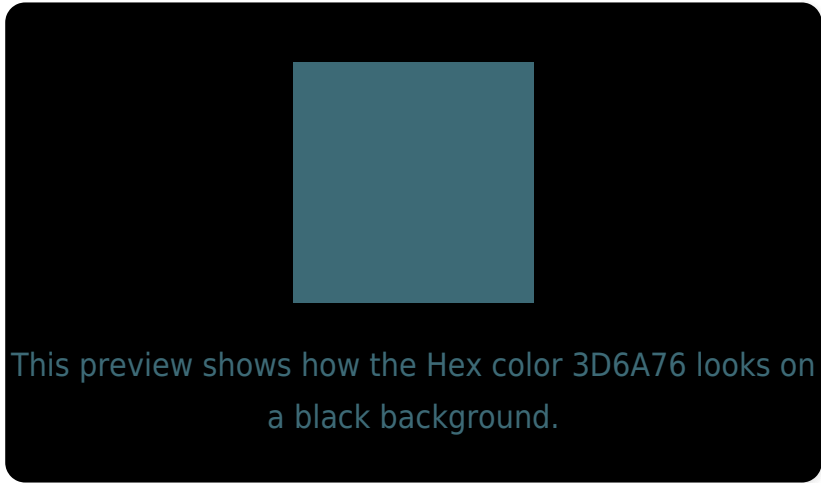
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D6A76 Background



This preview shows how black text looks on a background with the Hex color 3D6A76.

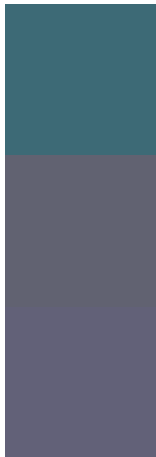


This preview shows how white text looks on a background with the Hex color 3D6A76.

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
3D6A76

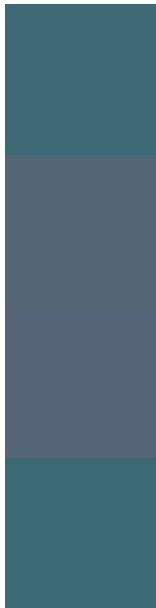
Protanopia
616271

Deuteranopia
626178



Tritanopia
3C6A73

Trichromacy



Original Color
3D6A76

Protanomaly
546573

Deuteranomaly
556477

Tritanomaly
3C6A74

Monochromacy



Original Color
3D6A76

Achromatopsia
5E5E5E

Achromatomaly
526267

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6A76 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 #3D6A76 looks like.

```
.text, #text, p{  
    color:#3D6A76  
}
```

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 #3D6A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6A76  
}
```

Border

The CSS property to change the border of an element to Hex 3D6A76 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  
#3D6A76 }
```

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

```
.border{ border-color:#3D6A76 }
```

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

Here you see how a box with a 4 pixel #3D6A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6A76; -webkit-box-shadow:4px 4px  
4px 4px #3D6A76; box-shadow:4px 4px 4px  
4px #3D6A76 }
```

Background

The CSS property to change the background color of an element to Hex 3D6A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6A76 }
```

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

```
.background{ background-color:#3D6A76 }
```

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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