

Converting Colors

Hex(3D6973)

Have a look what the booklet for
Hex(3D6973) contains.

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Color

Hex(3D6973)

Conversions

Conversions Part 1

Format	Color
Hex	3D6973
RGB	61, 105, 115
RGB Percent	24%, 41%, 45%
CMY	0.7608, 0.5882, 0.5490
CMYK	0.47, 0.09, 0.00, 0.55
HSL	191°, 31%, 35%
HSV	191°, 47%, 45%
XYZ	10.0706, 12.3331, 18.0694
YIQ	92.9840, -29.4340, -6.2180

Conversions

Conversions Part 2

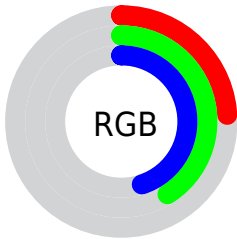
Format	Color
RYB	61, 85, 115
Decimal	4024691
CIELab	41.74, -12.29, -10.35
CIELCh	42, 16.067, 220.123
Yxy	12.3331, 0.2488, 0.3047
Android (android.graphics.Color)	4282214771 (0xFF3D6973)
YUV	92.9840, 10.8539, -28.0500
Hunter-Lab	35.1184, -10.2707, -5.9234

Details

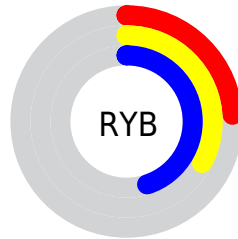
The Hex color **3D6973** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73473D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **709CA7**, and **063A43** is the 20% darker color. If you saturate the color by 10%, you get **316773**, and if you desaturate by 10%, it is **496B73**.

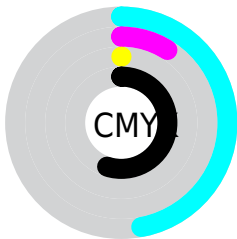
Distribution



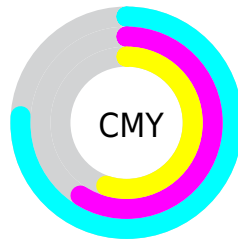
- Red (24%)
- Green (41%)
- Blue (45%)



- Red (24%)
- Yellow (33%)
- Blue (45%)



- Cyan (47%)
- Magenta (9%)
- Yellow (0%)
- Black (55%)



- Cyan (76%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6973 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 3D6973 by changing the saturation by 10% instead.



3D6973



3D6973

FFFFFF



24515A



709CA7



063A43



8AB7C2



00242D



A5D3DE



000D19



C1EFFB



000000



DDFFFF



FAFFFF



3D6973



3D6973



316773



496B73

■ 266573

■ 546D73

■ 1B6373

■ 606F73

■ 0F6073

■ 6B7273

■ 035E73

■ 777473

■ 005E73

■ 827673

■ 8E7873

■ 997A73

■ A57C73

Harmonies

Analogous

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



3F6A67



3D6973



47667B

Triad

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



3D6973



775A6C



686348

Complementary

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



3D6973



73473D

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.



745F4A



3D6973



7D595E

Square

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



3D6973



6A5E77



7C5B52



59674E

Rectangle

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



3D6973



53647D



7C5B52



6C6248

Sweetspot

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



3D6973



819396



3D7347



3F4A4D



CCCCCC



4D4D4D

Same Dimension

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



3D6973



428796



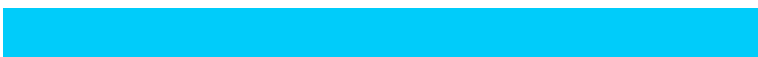
3D4E73



353A3B



00647A



00CCFA

Inverse Universe

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



733D69



964287



73623D



3B353A



7A0064



FA00CC

Previews

White Background



This preview shows how the Hex color 3D6973 looks on a white background.

Color Contrast Check

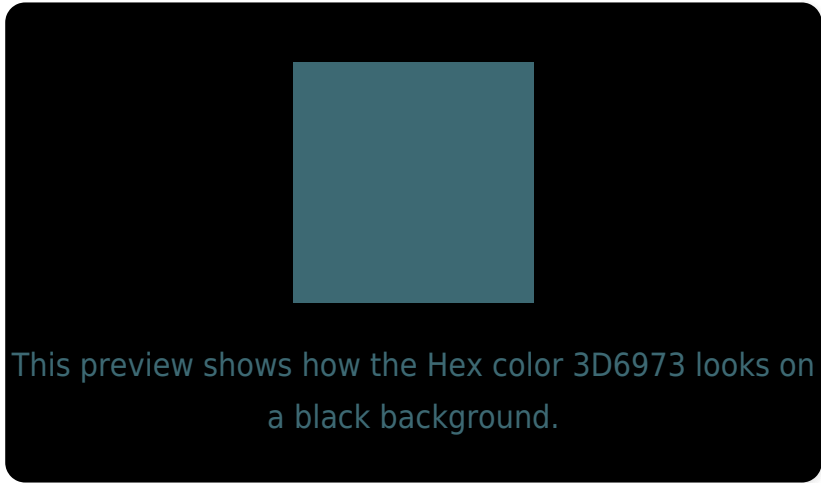
Large Text (above 18pt) WCAG AA ✓ Pass

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

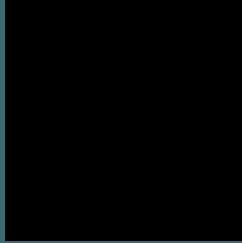
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

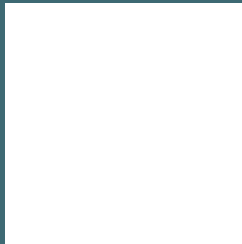
Any Text WCAG AAA × Fail

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

Hex 3D6973 Background



This preview shows how black text looks on a background with the Hex color 3D6973.

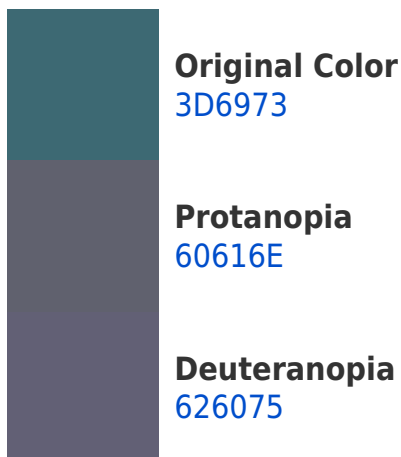


This preview shows how white text looks on a background with the Hex color 3D6973.

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](#).

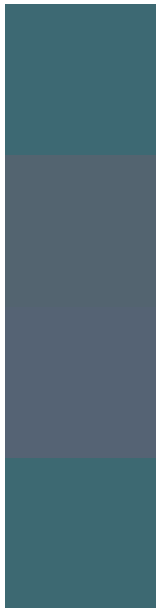
Dichromacy





Tritanopia
3D6972

Trichromacy



Original Color
3D6973

Protanomaly
536470

Deuteranomaly
556374

Tritanomaly
3D6972

Monochromacy



Original Color
3D6973

Achromatopsia
5D5D5D

Achromatomaly
516165

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6973 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 #3D6973 looks like.

```
.text, #text, p{  
    color:#3D6973  
}
```

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 #3D6973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6973  
}
```

Border

The CSS property to change the border of an element to Hex 3D6973 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  
#3D6973 }
```

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

```
.border{ border-color:#3D6973 }
```

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

Here you see how a box with a 4 pixel #3D6973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6973; -webkit-box-shadow:4px 4px  
4px 4px #3D6973; box-shadow:4px 4px 4px  
4px #3D6973 }
```

Background

The CSS property to change the background color of an element to Hex 3D6973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6973 }
```

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

```
.background{ background-color:#3D6973 }
```

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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