

Converting Colors

Hex(3D4073)

Have a look what the booklet for
Hex(3D4073) contains.

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Color

Hex(3D4073)

Conversions

Conversions Part 1

Format	Color
Hex	3D4073
RGB	61, 64, 115
RGB Percent	24%, 25%, 45%
CMY	0.7608, 0.7490, 0.5490
CMYK	0.47, 0.44, 0.00, 0.55
HSL	237°, 31%, 35%
HSV	237°, 47%, 45%
XYZ	6.8524, 5.8967, 16.9967
YIQ	68.9170, -18.1590, 15.2250

Conversions

Conversions Part 2

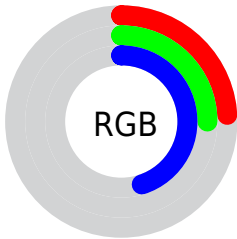
Format	Color
R_{YB}	61, 64, 115
Decimal	4014195
CIE _{Lab}	29.15, 13.49, -29.84
CIE _{LCh}	29, 32.748, 294.319
Yxy	5.8967, 0.2304, 0.1982
Android (android.graphics.Color)	4282204275 (0xFF3D4073)
YUV	68.9170, 22.7189, -6.9432
Hunter-Lab	24.2831, 7.8749, -24.5011

Details

The Hex color **3D4073** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73703D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7070A7**, and **081642** is the 20% darker color. If you saturate the color by 10%, you get **313573**, and if you desaturate by 10%, it is **494B73**.

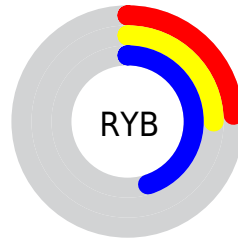
Distribution



 Red (24%)

 Green (25%)

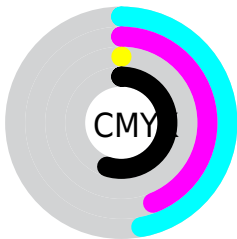
 Blue (45%)





 Red (24%)

 Yellow (25%)

 Blue (45%)

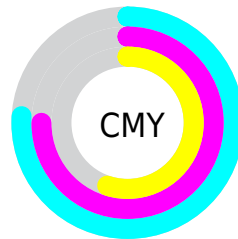


 Cyan (47%)


 Magenta (44%)

 Yellow (0%)

 Black (55%)



 Cyan (76%)

 Magenta (75%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4073 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 3D4073 by changing the saturation by 10% instead.

■ 3D4073

■ 3D4073

FFFFFF

■ 242A5A

■ 7070A7

■ 081642

■ 8A89C3

■ 00002C

■ A5A3DF

■ 000116

■ C0BEFB

■ 000000

■ DDDAFF

■ FAF7FF

■ 3D4073

■ 3D4073

■ 313573

■ 494B73

■ 262A73

■ 545673

■ 1B1F73

■ 606173

■ 0F1573

■ 6B6B73

■ 030A73

■ 777673

■ 000673

■ 828173

■ 8E8C73

■ 999773

■ A5A273

Harmonies

Analogous

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



004977



3D4073



5F3563

Triad

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



3D4073



69381C



00513F

Complementary

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



3D4073



73703D

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.



1D4E26



3D4073



56420F

Square

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



3D4073



732F31



3E4913



005159

Rectangle

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



3D4073



6C3053



3E4913



005036

Sweetspot

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



3D4073



818396



3D736F



3F404D



CCCCCC



4D4D4D

Same Dimension

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



3D4073



424796



543D73



35353B



00077A



000EFA

Inverse Universe

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



733D40



964247



5C733D



3B3535



7A0007



FA000E

Previews

White Background



This preview shows how the Hex color 3D4073 looks on a white background.

Color Contrast Check

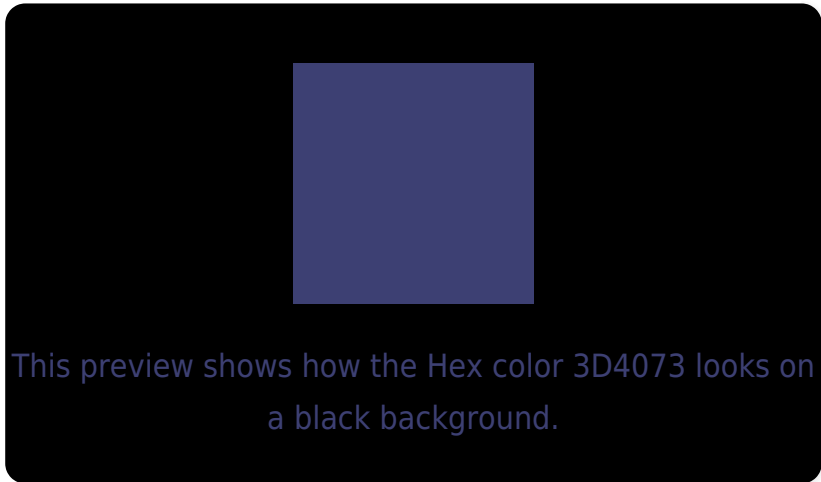
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

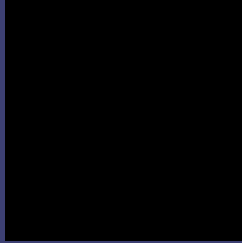
Any Text WCAG AA × Fail

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 3D4073 Background



This preview shows how black text looks on a background with the Hex color 3D4073.



This preview shows how white text looks on a background with the Hex color 3D4073.

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
3D4073

Protanopia
2E4376

Deuteranopia
274572



Tritanopia
32484E

Trichromacy



Original Color
3D4073

Protanomaly
334275

Deuteranomaly
2F4372

Tritanomaly
36455B

Monochromacy



Original Color
3D4073

Achromatopsia
454545

Achromatomaly
424356

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4073 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 #3D4073 looks like.

```
.text, #text, p{  
    color:#3D4073  
}
```

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 #3D4073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4073  
}
```

Border

The CSS property to change the border of an element to Hex 3D4073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

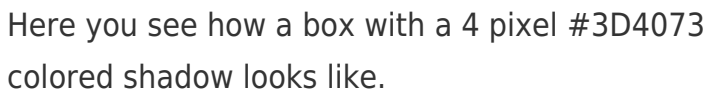
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3D4073 }
```

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

```
.border{ border-color:#3D4073 }
```

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



Here you see how a box with a 4 pixel #3D4073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4073; -webkit-box-shadow:4px 4px  
4px 4px #3D4073; box-shadow:4px 4px 4px  
4px #3D4073 }
```

Background

The CSS property to change the background color of an element to Hex 3D4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4073 }
```

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

```
.background{ background-color:#3D4073 }
```

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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