

Converting Colors

Hex(3D4057)

Have a look what the booklet for
Hex(3D4057) contains.

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Color

Hex(3D4057)

Conversions

Conversions Part 1

Format	Color
Hex	3D4057
RGB	61, 64, 87
RGB Percent	24%, 25%, 34%
CMY	0.7608, 0.7490, 0.6588
CMYK	0.30, 0.26, 0.00, 0.66
HSL	233°, 18%, 29%
HSV	233°, 30%, 34%
XYZ	5.4782, 5.3470, 9.7602
YIQ	65.7250, -9.1710, 6.5170

Conversions

Conversions Part 2

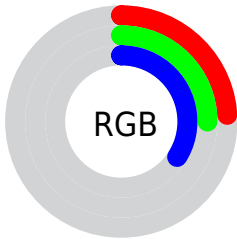
Format	Color
RYB	61, 64, 87
Decimal	4014167
CIELab	27.70, 4.77, -14.16
CIELCh	28, 14.943, 288.618
Yxy	5.3470, 0.2661, 0.2597
Android (android.graphics.Color)	4282204247 (0xFF3D4057)
YUV	65.7250, 10.4886, -4.1438
Hunter-Lab	23.1236, 1.8217, -8.8390

Details

The Hex color **3D4057** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **57543D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6D7089**, and **11162A** is the 20% darker color. If you saturate the color by 10%, you get **343857**, and if you desaturate by 10%, it is **464857**.

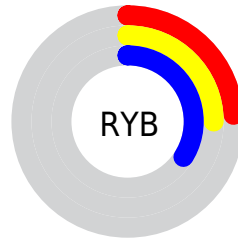
Distribution



Red (24%)

Green (25%)

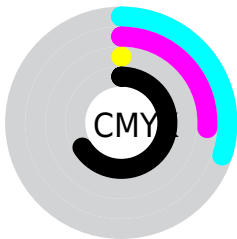
Blue (34%)



Red (24%)

Yellow (25%)

Blue (34%)

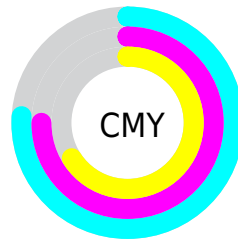


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (66%)



Cyan (76%)

Magenta (75%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4057 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 3D4057 by changing the saturation by 10% instead.

■ 3D4057

■ 3D4057

FFFFFF

■ 272A40

■ 6D7089

■ 11162A

■ 8789A3

■ 000115

■ A1A3BE

■ 000000

■ BCBEDA

■ D8DAF7

■ F4F7FF

■ 3D4057

■ 3D4057

■ 343857

■ 464857

■ 2C3157

■ 4E4F57

■ 232957

■ 575757

■ 1A2157

■ 605F57

■ 121A57

■ 696657

■ 091257

■ 716E57

■ 000A57

■ 7A7657

■ 837E57

■ 8B8557

Harmonies

Analogous

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



2C4458



3D4057



4C3C51

Triad

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



3D4057



553B31



28473C

Complementary

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



3D4057



57543D

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.



354632



3D4057



4D3F2B

Square

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



3D4057



58393B



42432B



1E4848

Rectangle

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



3D4057



533A4A



42432B



2C4739

Sweetspot

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



3D4057



666770



3D5754



323338



B8B8B8



383838

Same Dimension

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



3D4057



484C70



473D57



27282B



000C6B



001BEB

Inverse Universe

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



573D40



70484C



4D573D



2B2728



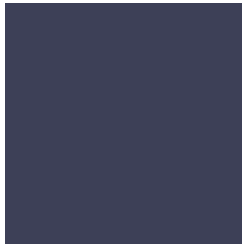
6B000C



EB001B

Previews

White Background



This preview shows how the Hex color 3D4057 looks on a white background.

Color Contrast Check

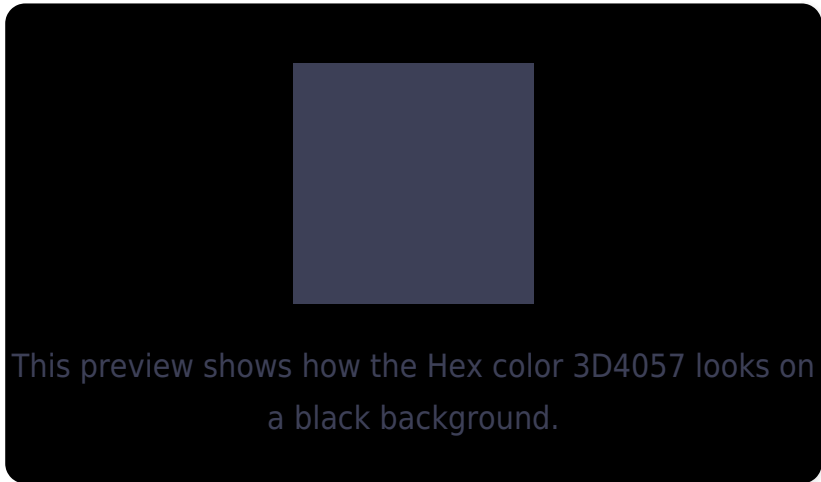
Large Text (above 18pt) WCAG AA ✓ Pass

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

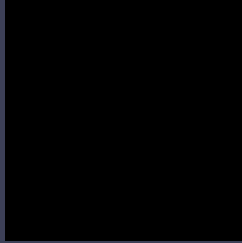
Any Text WCAG AA × Fail

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 3D4057 Background



This preview shows how black text looks on a background with the Hex color 3D4057.

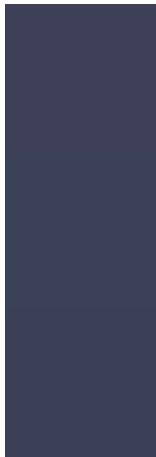


This preview shows how white text looks on a background with the Hex color 3D4057.

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](#).

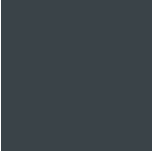
Dichromacy



Original Color
3D4057

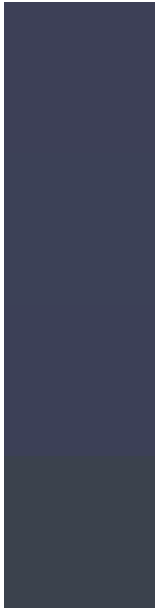
Protanopia
3B4157

Deuteranopia
3C4057



Tritanopia
3A4348

Trichromacy



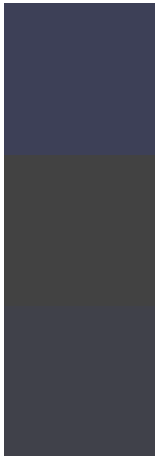
Original Color
3D4057

Protanomaly
3C4157

Deuteranomaly
3C4057

Tritanomaly
3B424D

Monochromacy



Original Color
3D4057

Achromatopsia
424242

Achromatomaly
40414A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4057 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 #3D4057 looks like.

```
.text, #text, p{  
    color:#3D4057  
}
```

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 #3D4057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4057  
}
```

Border

The CSS property to change the border of an element to Hex 3D4057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

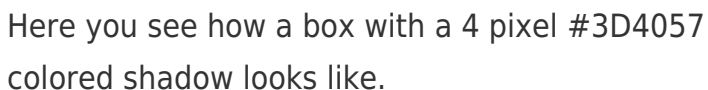
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3D4057 }
```

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

```
.border{ border-color:#3D4057 }
```

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



Here you see how a box with a 4 pixel #3D4057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4057; -webkit-box-shadow:4px 4px  
4px 4px #3D4057; box-shadow:4px 4px 4px  
4px #3D4057 }
```

Background

The CSS property to change the background color of an element to Hex 3D4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4057 }
```

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

```
.background{ background-color:#3D4057 }
```

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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