

# Converting Colors

Hex(3D3F59)

Have a look what the booklet for  
Hex(3D3F59) contains.

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# Color

**Hex(3D3F59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D3F59
RGB	61, 63, 89
RGB Percent	24%, 25%, 35%
CMY	0.7608, 0.7529, 0.6510
CMYK	0.31, 0.29, 0.00, 0.65
HSL	236°, 19%, 29%
HSV	236°, 31%, 35%
XYZ	5.5051, 5.2684, 10.1779
YIQ	65.3660, -9.5380, 7.6620

# Conversions

## Conversions Part 2

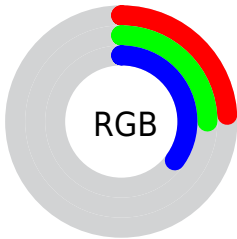
Format	Color
<b>RYB</b>	61, 63, 89
Decimal	4013913
CIELab	27.49, 6.02, -15.79
CIELCh	27, 16.898, 290.852
Yxy	5.2684, 0.2628, 0.2515
Android (android.graphics.Color)	4282203993 (0xFF3D3F59)
YUV	65.3660, 11.6516, -3.8290
Hunter-Lab	22.9530, 2.6446, -10.2237

# Details

The Hex color **3D3F59** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59573D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6D6F8B**, and **11152B** is the 20% darker color. If you saturate the color by 10%, you get **343759**, and if you desaturate by 10%, it is **464759**.

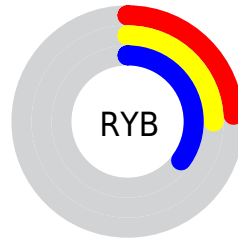
# Distribution



Red (24%)

Green (25%)

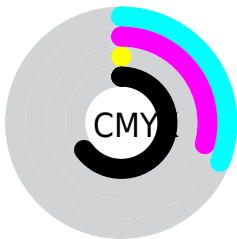
Blue (35%)



Red (24%)

Yellow (25%)

Blue (35%)

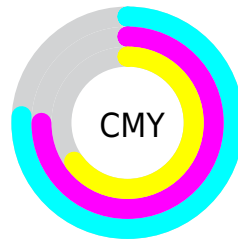


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (75%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D3F59 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 3D3F59 by changing the saturation by 10% instead.





3D3F59



3D3F59

FFFFFF



262942



6D6F8B



11152B



8788A5



000117



A1A2C1



000000



BCBDDD



D8D9F9



F5F5FF



3D3F59



3D3F59



343759



464759

■ 2B2E59

■ 4F5059

■ 222659

■ 585859

■ 191E59

■ 616059

■ 111659

■ 6A6859

■ 080D59

■ 727159

■ 000659

■ 7B7959

■ 848159

■ 8D8959

# Harmonies

## Analogous

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



29435A



3D3F59



4D3A51

# Triad

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



3D3F59



573A2D



22483C

# Complementary

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



3D3F59



59573D

# 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.



324630



3D3F59



4D3F27

# Square

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



3D3F59



5B3738



414328



15484A

# Rectangle

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



3D3F59



55384A



414328



274738



# Sweetspot

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



3D3F59



686973



3D5957



34353B



BABABA



3B3B3B



# Same Dimension

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



3D3F59



474A73



493D59



27272B



00086B



0011EB



# Inverse Universe

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



593D3F



73474A



4D593D



2B2727



6B0008

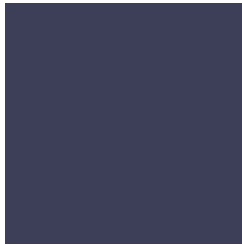


EB0011



# Previews

## White Background



This preview shows how the Hex color 3D3F59 looks on a white background.

## Color Contrast Check

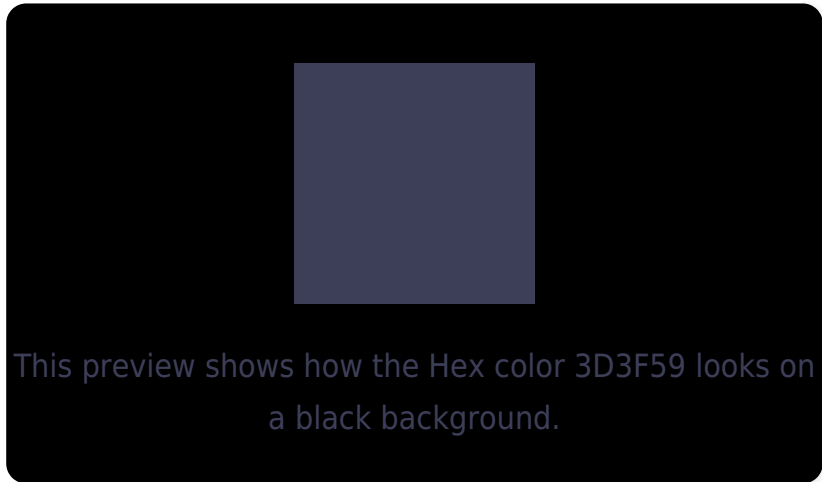
Large Text (above 18pt) WCAG AA ✓ Pass

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

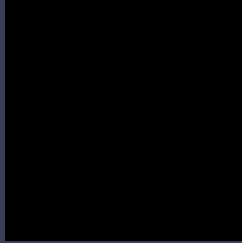
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D3F59 Background



This preview shows how black text looks on a background with the Hex color 3D3F59.



This preview shows how white text looks on a background with the Hex color 3D3F59.

# 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](#).

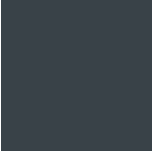
## Dichromacy



**Original Color**  
3D3F59

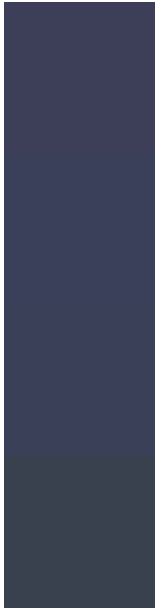
**Protanopia**  
39405A

**Deuteranopia**  
3A4059



**Tritanopia**  
394248

# Trichromacy



**Original Color**  
3D3F59

**Protanomaly**  
3A405A

**Deuteranomaly**  
3B4059

**Tritanomaly**  
3A414E

# Monochromacy



**Original Color**  
3D3F59

**Achromatopsia**  
414141

**Achromatomaly**  
40404A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D3F59 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 #3D3F59 looks like.

```
.text, #text, p{  
    color:#3D3F59  
}
```

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 #3D3F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3F59
}
```

## Border

The CSS property to change the border of an element to Hex 3D3F59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

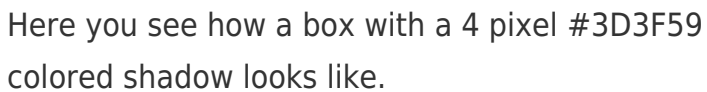
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3F59 }
```

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

```
.border{ border-color:#3D3F59 }
```

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



Here you see how a box with a 4 pixel #3D3F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3F59; -webkit-box-shadow:4px 4px  
4px 4px #3D3F59; box-shadow:4px 4px 4px  
4px #3D3F59 }
```

# Background

The CSS property to change the background color of an element to Hex 3D3F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3F59 }
```

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

```
.background{ background-color:#3D3F59 }
```

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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