

# Converting Colors

Hex(3D2741)

Have a look what the booklet for  
Hex(3D2741) contains.

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# Color

**Hex(3D2741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D2741
RGB	61, 39, 65
RGB Percent	24%, 15%, 25%
CMY	0.7608, 0.8471, 0.7451
CMYK	0.06, 0.40, 0.00, 0.75
HSL	291°, 25%, 20%
HSV	291°, 40%, 25%
XYZ	3.6041, 2.8248, 5.3563
YIQ	48.5420, 4.7660, 12.7500

# Conversions

## Conversions Part 2

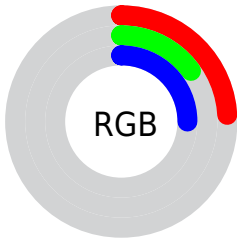
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 39, 65
Decimal	4007745
CIELab	19.33, 15.70, -12.37
CIElCh	19, 19.992, 321.768
Yxy	2.8248, 0.3058, 0.2397
Android (android.graphics.Color)	4282197825 (0xFF3D2741)
YUV	48.5420, 8.1138, 10.9257
Hunter-Lab	16.8071, 8.8651, -7.1303

# Details

The Hex color **3D2741** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2B4127**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6D5471**, and **120017** is the 20% darker color. If you saturate the color by 10%, you get **3C2141**, and if you desaturate by 10%, it is **3E2E41**.

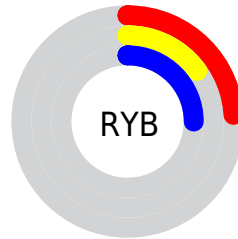
# Distribution



 Red (24%)

 Green (15%)

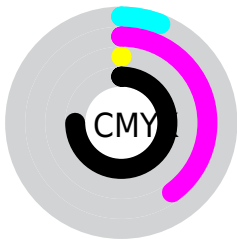
 Blue (25%)



 Red (24%)

 Yellow (15%)

 Blue (25%)

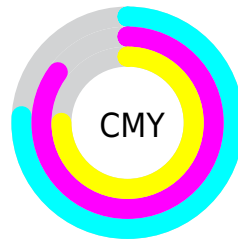


 Cyan (6%)

 Magenta (40%)

 Yellow (0%)

 Black (75%)



 Cyan (76%)

 Magenta (85%)

 Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D2741 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 3D2741 by changing the saturation by 10% instead.





3D2741



3D2741

FFFFFF



27122B



6D5471



120017



866D8A



000000



A186A5



BCA1C0



D8BCDC



F4D7F8



FFF4FF



3D2741



3D2741

■ 3C2141

■ 3E2E41

■ 3B1A41

■ 3F3441

■ 3A1441

■ 403B41

■ 390D41

■ 414141

■ 380641

■ 424841

■ 370041

■ 434E41

■ 445541

■ 455B41

■ 466241

# Harmonies

## Analogous

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



2A2D4A



3D2741



482333

# Triad

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



3D2741



3B2D11



003639

# Complementary

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



3D2741



2B4127

# 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.



02362A



3D2741



2D3113

# Square

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



3D2741



452718



1C341C



003545

# Rectangle

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



3D2741



4A232A



1C341C



003634



# Sweetspot

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



3D2741



534A54



272B41



2A252B



ABABAB



2B2B2B



# Same Dimension

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



3D2741



4E2C54



412738



211E21



520061



BE00E0



# Inverse Universe

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



41272B



542C32



274130



211E1E



61000F



E00023



# Previews

## White Background



This preview shows how the Hex color 3D2741 looks on a white background.

## Color Contrast Check

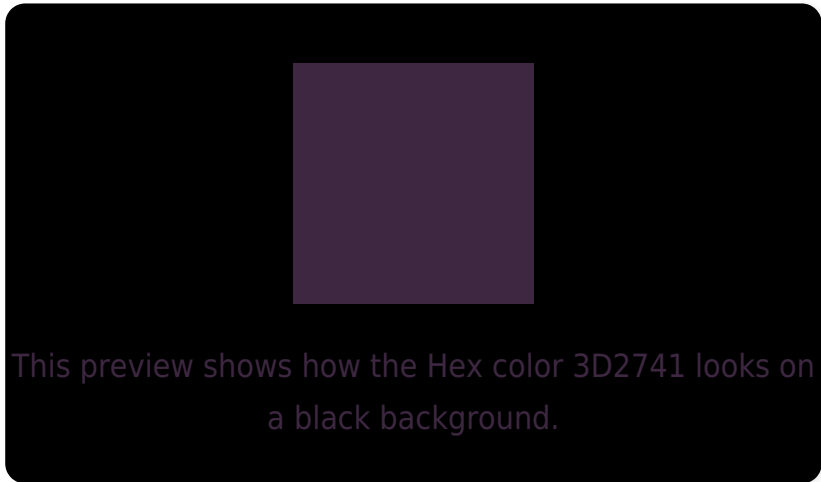
Large Text (above 18pt) WCAG AA ✓ Pass

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

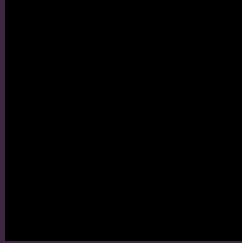
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D2741 Background



This preview shows how black text looks on a background with the Hex color 3D2741.



This preview shows how white text looks on a background with the Hex color 3D2741.

# 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**  
3D2741

**Protanopia**  
272E47

**Deuteranopia**  
2B2F40



**Tritanopia**  
3A2B2E

# Trichromacy



**Original Color**  
3D2741

**Protanomaly**  
2F2B45

**Deuteranomaly**  
322C40

**Tritanomaly**  
3B2A35

# Monochromacy



**Original Color**  
3D2741

**Achromatopsia**  
313131

**Achromatomaly**  
352D37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D2741 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 #3D2741 looks like.

```
.text, #text, p{  
    color:#3D2741  
}
```

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 #3D2741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2741
}
```

## Border

The CSS property to change the border of an element to Hex 3D2741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

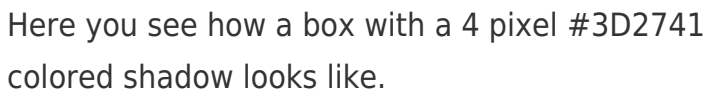
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2741 }
```

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

```
.border{ border-color:#3D2741 }
```

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



Here you see how a box with a 4 pixel #3D2741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2741; -webkit-box-shadow:4px 4px  
4px 4px #3D2741; box-shadow:4px 4px 4px  
4px #3D2741 }
```

# Background

The CSS property to change the background color of an element to Hex 3D2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2741 }
```

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

```
.background{ background-color:#3D2741 }
```

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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