

Converting Colors

Hex(3D2D6C)

Have a look what the booklet for
Hex(3D2D6C) contains.

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Color

Hex(3D2D6C)

Conversions

Conversions Part 1

Format	Color
Hex	3D2D6C
RGB	61, 45, 108
RGB Percent	24%, 18%, 42%
CMY	0.7608, 0.8235, 0.5765
CMYK	0.44, 0.58, 0.00, 0.58
HSL	255°, 41%, 30%
HSV	255°, 58%, 42%
XYZ	5.5696, 3.9516, 14.6565
YIQ	56.9660, -10.6870, 22.9850

Conversions

Conversions Part 2

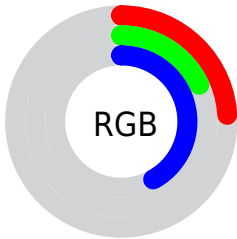
Format	Color
RYB	61, 45, 108
Decimal	4009324
CIELab	23.51, 23.90, -34.38
CIELCh	24, 41.870, 304.811
Yxy	3.9516, 0.2304, 0.1634
Android (android.graphics.Color)	4282199404 (0xFF3D2D6C)
YUV	56.9660, 25.1598, 3.5378
Hunter-Lab	19.8786, 15.2250, -29.7997

Details

The Hex color **3D2D6C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C6C2D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **705BA0**, and **0C003C** is the 20% darker color. If you saturate the color by 10%, you get **35226C**, and if you desaturate by 10%, it is **45386C**.

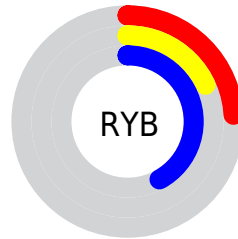
Distribution



 Red (24%)

 Green (18%)

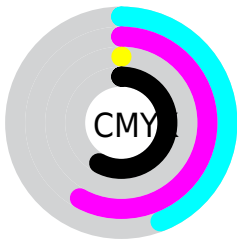
 Blue (42%)




 Red (24%)

 Yellow (18%)

 Blue (42%)

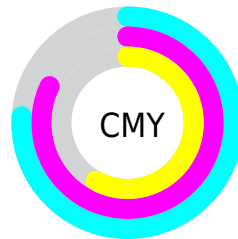



 Cyan (44%)


 Magenta (58%)

 Yellow (0%)

 Black (58%)



 Cyan (76%)

 Magenta (82%)

 Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D2D6C 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 3D2D6C by changing the saturation by 10% instead.

■ 3D2D6C

■ 3D2D6C

FFFFFF

■ 241853

■ 705BA0

■ 0C003C

■ 8A74BB

■ 000225

■ A58ED7

■ 00010E

■ C1A8F4

■ 000000

■ DDC4FF

■ FAE0FF

■ FFFCFF

■ 3D2D6C

■ 3D2D6C

■ 35226C

■ 45386C

■ 2D176C

■ 4D436C

■ 250D6C

■ 554D6C

■ 1D026C

■ 5D586C

■ 1B006C

■ 65636C

■ 6D6E6C

■ 75796C

■ 7D836C

■ 868E6C

Harmonies

Analogous

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



003A77



3D2D6C



611B53

Triad

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



3D2D6C



5A2C00



00463C

Complementary

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



3D2D6C



5C6C2D

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.



00441B



3D2D6C



413800

Square

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



3D2D6C



6A1C16



204000



00455B

Rectangle

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



3D2D6C



6C123F



204000



004531

Sweetspot

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



3D2D6C



79738C



2D5C6C



3C3847



C7C7C7



474747

Same Dimension

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



3D2D6C



432A8C



5C2D6C



323036



1E0075



3E00F5

Inverse Universe

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



6C2D5C



8C2A73



3D6C2D



363034



750058



F500B7

Previews

White Background



This preview shows how the Hex color 3D2D6C looks on a white background.

Color Contrast Check

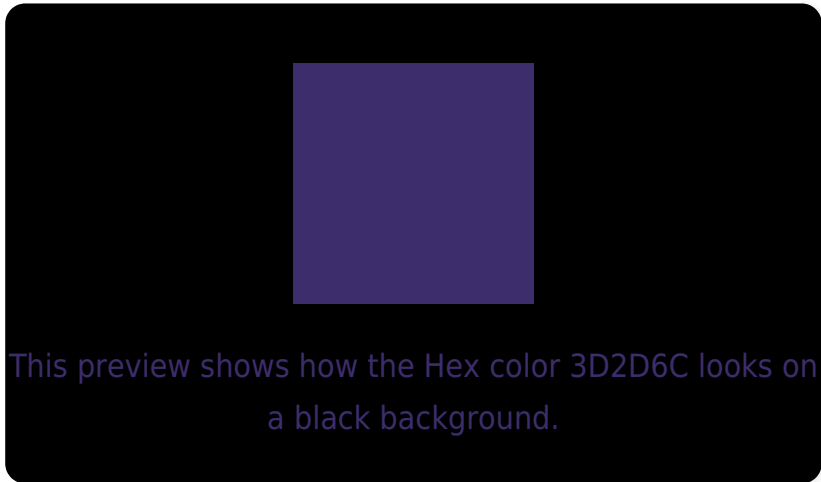
Large Text (above 18pt) WCAG AA ✓ Pass

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

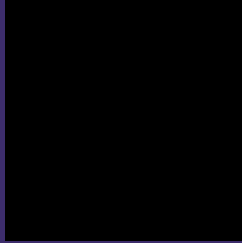
Any Text WCAG AA × Fail

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 3D2D6C Background



This preview shows how black text looks on a background with the Hex color 3D2D6C.



This preview shows how white text looks on a background with the Hex color 3D2D6C.

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](#).

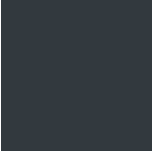
Dichromacy



Original Color
3D2D6C

Protanopia
003673

Deuteranopia
003965



Tritanopia
32393E

Trichromacy



Original Color
3D2D6C

Protanomaly
163370

Deuteranomaly
163568

Tritanomaly
36354F

Monochromacy



Original Color
3D2D6C

Achromatopsia
393939

Achromatomaly
3A354C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D2D6C 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 #3D2D6C looks like.

```
.text, #text, p{  
    color:#3D2D6C  
}
```

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 #3D2D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2D6C  
}
```

Border

The CSS property to change the border of an element to Hex 3D2D6C 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  
#3D2D6C }
```

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

```
.border{ border-color:#3D2D6C }
```

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

Here you see how a box with a 4 pixel #3D2D6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2D6C; -webkit-box-shadow:4px 4px  
4px 4px #3D2D6C; box-shadow:4px 4px 4px  
4px #3D2D6C }
```

Background

The CSS property to change the background color of an element to Hex 3D2D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2D6C }
```

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

```
.background{ background-color:#3D2D6C }
```

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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