

Converting Colors

Hex(3D3C6D)

Have a look what the booklet for
Hex(3D3C6D) contains.

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Color

Hex(3D3C6D)

Conversions

Conversions Part 1

Format	Color
Hex	3D3C6D
RGB	61, 60, 109
RGB Percent	24%, 24%, 43%
CMY	0.7608, 0.7647, 0.5725
CMYK	0.44, 0.45, 0.00, 0.57
HSL	241°, 29%, 33%
HSV	241°, 45%, 43%
XYZ	6.3006, 5.3279, 15.1643
YIQ	65.8850, -15.1330, 15.4510

Conversions

Conversions Part 2

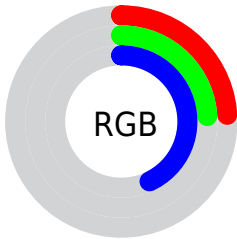
Format	Color
R_{YB}	61, 60, 109
Decimal	4013165
CIE _{Lab}	27.65, 14.21, -28.41
CIE _{LCh}	28, 31.769, 296.577
Yxy	5.3279, 0.2352, 0.1989
Android (android.graphics.Color)	4282203245 (0xFF3D3C6D)
YUV	65.8850, 21.2557, -4.2841
Hunter-Lab	23.0823, 8.3300, -22.7939

Details

The Hex color **3D3C6D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C6D3C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6F6BA1**, and **0A123D** is the 20% darker color. If you saturate the color by 10%, you get **32316D**, and if you desaturate by 10%, it is **48476D**.

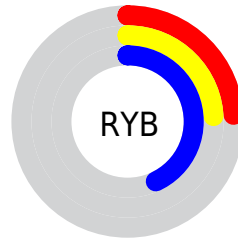
Distribution



Red (24%)

Green (24%)

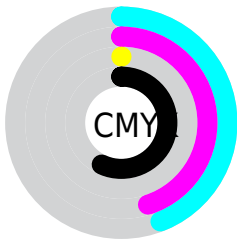
Blue (43%)



Red (24%)

Yellow (24%)

Blue (43%)

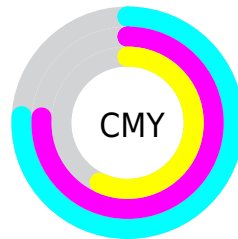


Cyan (44%)

Magenta (45%)

Yellow (0%)

Black (57%)



Cyan (76%)

Magenta (76%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3C6D 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 3D3C6D by changing the saturation by 10% instead.

■ 3D3C6D

■ 3D3C6D

FFFFFF

■ 252654

■ 6F6BA1

■ 0A123D

■ 8984BC

■ 000027

■ A49FD8

■ 000110

■ C0BAF4

■ 000000

■ DCD5FF

■ F9F2FF

■ 3D3C6D

■ 3D3C6D

■ 32316D

■ 48476D

■ 28266D

■ 52526D

■ 1D1B6D

■ 5D5D6D

■ 12106D

■ 68686D

■ 08066D

■ 72736D

■ 02006D

■ 7D7D6D

■ 88886D

■ 92936D

■ 9D9E6D

Harmonies

Analogous

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



004572



3D3C6D



5C325C

Triad

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



3D3C6D



633619



004D3E

Complementary

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



3D3C6D



6C6D3C

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.



184B25



3D3C6D



513F0D

Square

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



3D3C6D



6D2D2D



394612



004D56

Rectangle

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



3D3C6D



682C4D



394612



004C35

Sweetspot

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



3D3C6D



7D7C8F



3C6C6D



3C3C47



C7C7C7



474747

Same Dimension

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



3D3C6D



43428F



553C6D



303036



020075



0500F5

Inverse Universe

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



6D3C6C



8F428D



546D3C



363035



750073



F500F0

Previews

White Background



This preview shows how the Hex color 3D3C6D looks on a white background.

Color Contrast Check

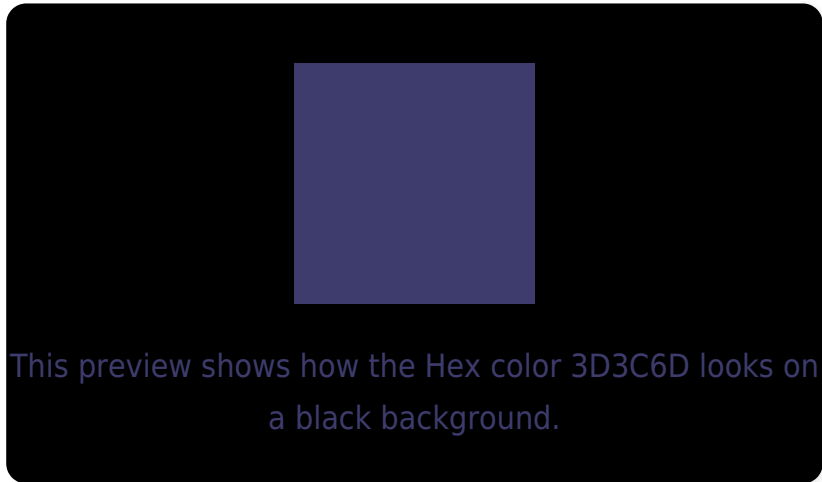
Large Text (above 18pt) WCAG AA ✓ Pass

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

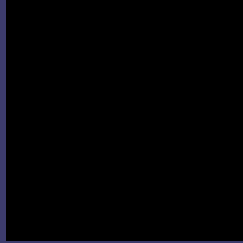
Any Text WCAG AA × Fail

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 3D3C6D Background



This preview shows how black text looks on a background with the Hex color 3D3C6D.



This preview shows how white text looks on a background with the Hex color 3D3C6D.

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
3D3C6D

Protanopia
2C4071

Deuteranopia
26426C



Tritanopia
344449

Trichromacy



Original Color
3D3C6D

Protanomaly
323F70

Deuteranomaly
2E406C

Tritanomaly
374156

Monochromacy



Original Color
3D3C6D

Achromatopsia
424242

Achromatomaly
404052

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3C6D 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 #3D3C6D looks like.

```
.text, #text, p{  
    color:#3D3C6D  
}
```

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 #3D3C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3C6D
}
```

Border

The CSS property to change the border of an element to Hex 3D3C6D 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
#3D3C6D }
```

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

```
.border{ border-color:#3D3C6D }
```

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

Here you see how a box with a 4 pixel #3D3C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3C6D; -webkit-box-shadow:4px 4px  
4px 4px #3D3C6D; box-shadow:4px 4px 4px  
4px #3D3C6D }
```

Background

The CSS property to change the background color of an element to Hex 3D3C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3C6D }
```

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

```
.background{ background-color:#3D3C6D }
```

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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