

Converting Colors

Hex(3A305D)

Have a look what the booklet for
Hex(3A305D) contains.

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Color

Hex(3A305D)

Conversions

Conversions Part 1

Format	Color
Hex	3A305D
RGB	58, 48, 93
RGB Percent	23%, 19%, 36%
CMY	0.7725, 0.8118, 0.6353
CMYK	0.38, 0.48, 0.00, 0.64
HSL	253°, 32%, 28%
HSV	253°, 48%, 36%
XYZ	4.7777, 3.8038, 10.8383
YIQ	56.1200, -8.4850, 16.1150

Conversions

Conversions Part 2

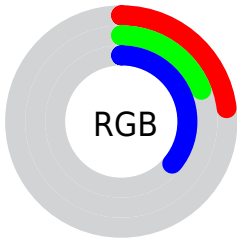
Format	Color
R_{YB}	58, 48, 93
Decimal	3813469
CIE _{Lab}	23.01, 16.37, -25.43
CIE _{LCh}	23, 30.244, 302.779
Yxy	3.8038, 0.2460, 0.1959
Android (android.graphics.Color)	4282003549 (0xFF3A305D)
YUV	56.1200, 18.1818, 1.6488
Hunter-Lab	19.5032, 9.5961, -19.2963

Details

The Hex color **3A305D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **535D30**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6B5E90**, and **0F012F** is the 20% darker color. If you saturate the color by 10%, you get **33275D**, and if you desaturate by 10%, it is **41395D**.

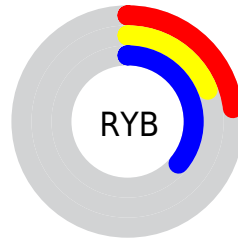
Distribution



Red (23%)

Green (19%)

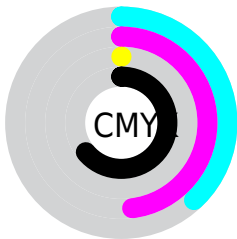
Blue (36%)



Red (23%)

Yellow (19%)

Blue (36%)

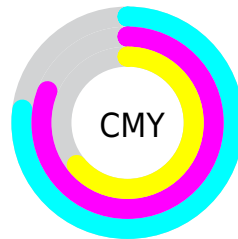


Cyan (38%)

Magenta (48%)

Yellow (0%)

Black (64%)



Cyan (77%)

Magenta (81%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A305D 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 3A305D by changing the saturation by 10% instead.

■ 3A305D

■ 3A305D

FFFFFF

■ 231B45

■ 6B5E90

■ 0F012F

■ 8577AA

■ 000119

■ 9F91C6

■ 000000

■ BBABE2

■ D7C7FE

■ F3E3FF

■ 3A305D

■ 3A305D

■ 33275D

■ 41395D

■ 2C1D5D

■ 48435D

■ 24145D

■ 504C5D

■ 1D0B5D

■ 57555D

■ 16025D

■ 5E5E5D

■ 15005D

■ 65685D

■ 6D715D

■ 747A5D

■ 7B845D

Harmonies

Analogous

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



003964



3A305D



54264C

Triad

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



3A305D



532E0E



004238

Complementary

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



3A305D



535D30

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.



024021



3A305D



413604

Square

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



3A305D



5E2520



2A3D0E



00414F

Rectangle

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



3A305D



5D223D



2A3D0E



004130

Sweetspot

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



3A305D



6A6678



30535D



35323D



BDBDBD



3D3D3D

Same Dimension

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



3A305D



423278



50305D



2A292E



18006E



3500ED

Inverse Universe

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



5D3053



783268



3D5D30



2E292D



6E0055



ED00B8

Previews

White Background



This preview shows how the Hex color 3A305D looks on a white background.

Color Contrast Check

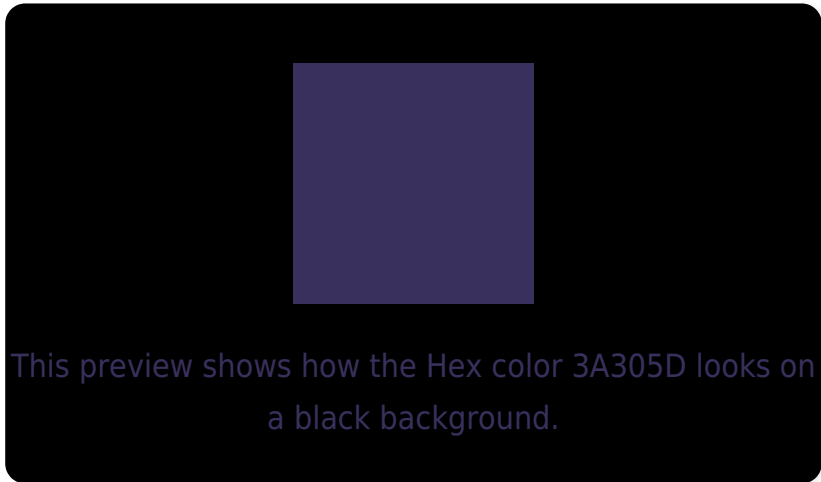
Large Text (above 18pt) WCAG AA ✓ Pass

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

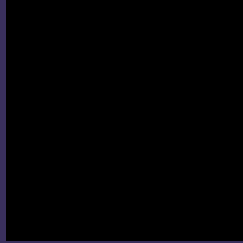
Any Text WCAG AA × Fail

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 3A305D Background



This preview shows how black text looks on a background with the Hex color 3A305D.



This preview shows how white text looks on a background with the Hex color 3A305D.

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](#).

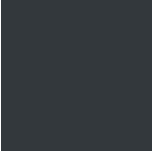
Dichromacy



Original Color
3A305D

Protanopia
223662

Deuteranopia
1F375B



Tritanopia
33383C

Trichromacy



Original Color
3A305D

Protanomaly
2B3460

Deuteranomaly
29345C

Tritanomaly
363548

Monochromacy



Original Color
3A305D

Achromatopsia
383838

Achromatomaly
393545

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A305D 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 #3A305D looks like.

```
.text, #text, p{  
    color:#3A305D  
}
```

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 #3A305D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A305D
}
```

Border

The CSS property to change the border of an element to Hex 3A305D is called "border". The border property can be set on classes, ids or directly on the HTML element.

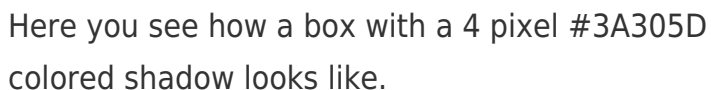
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A305D }
```

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

```
.border{ border-color:#3A305D }
```

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



Here you see how a box with a 4 pixel #3A305D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A305D; -webkit-box-shadow:4px 4px  
4px 4px #3A305D; box-shadow:4px 4px 4px  
4px #3A305D }
```

Background

The CSS property to change the background color of an element to Hex 3A305D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A305D }
```

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

```
.background{ background-color:#3A305D }
```

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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