

Converting Colors

Hex(3D345A)

Have a look what the booklet for
Hex(3D345A) contains.

Hex(3D345A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D345A)

Conversions

Conversions Part 1

Format	Color
Hex	3D345A
RGB	61, 52, 90
RGB Percent	24%, 20%, 35%
CMY	0.7608, 0.7961, 0.6471
CMYK	0.32, 0.42, 0.00, 0.65
HSL	254°, 27%, 28%
HSV	254°, 42%, 35%
XYZ	4.9979, 4.1863, 10.2175
YIQ	59.0230, -6.8340, 13.7260

Conversions

Conversions Part 2

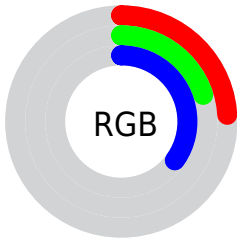
Format	Color
RYB	61, 52, 90
Decimal	4011098
CIELab	24.28, 13.71, -21.44
CIElCh	24, 25.449, 302.596
Yxy	4.1863, 0.2576, 0.2158
Android (android.graphics.Color)	4282201178 (0xFF3D345A)
YUV	59.0230, 15.2717, 1.7338
Hunter-Lab	20.4604, 7.7971, -15.2859

Details

The Hex color **3D345A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **515A34**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6E638C**, and **12082C** is the 20% darker color. If you saturate the color by 10%, you get **362B5A**, and if you desaturate by 10%, it is **443D5A**.

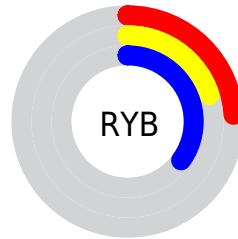
Distribution



 Red (24%)

 Green (20%)

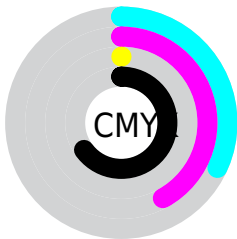
 Blue (35%)



 Red (24%)

 Yellow (20%)

 Blue (35%)

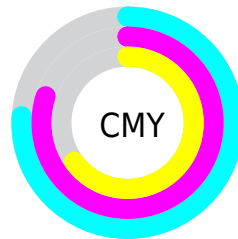


 Cyan (32%)

 Magenta (42%)

 Yellow (0%)

 Black (65%)



 Cyan (76%)

 Magenta (80%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D345A 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 3D345A by changing the saturation by 10% instead.

■ 3D345A

■ 3D345A

FFFFFF

■ 261F42

■ 6E638C

■ 12082C

■ 877BA7

■ 000117

■ A295C2

■ 000000

■ BDB0DE

■ D9CBFB

■ F6E8FF

■ 3D345A

■ 3D345A

■ 362B5A

■ 443D5A

■ 2F225A

■ 4B465A

■ 28195A

■ 524F5A

■ 22105A

■ 58585A

■ 1B075A

■ 5F615A

■ 15005A

■ 666A5A

■ 6D735A

■ 747C5A

■ 7B855A

Harmonies

Analogous

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



183B60



3D345A



532D4C

Triad

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



3D345A



533218



00433B

Complementary

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



3D345A



515A34

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.



154227



3D345A



433912

Square

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



3D345A



5C2C26



2F3F18



00434E

Rectangle

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



3D345A



5A2A3F



2F3F18



004334

Sweetspot

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



3D345A



6A6675



34515A



33313B



BABABA



3B3B3B

Same Dimension

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



3D345A



483975



50345A



2A292E



1A006E



3800ED

Inverse Universe

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



5A3451



753967



3E5A34



2E292D



6E0054



ED00B5

Previews

White Background



This preview shows how the Hex color 3D345A looks on a white background.

Color Contrast Check

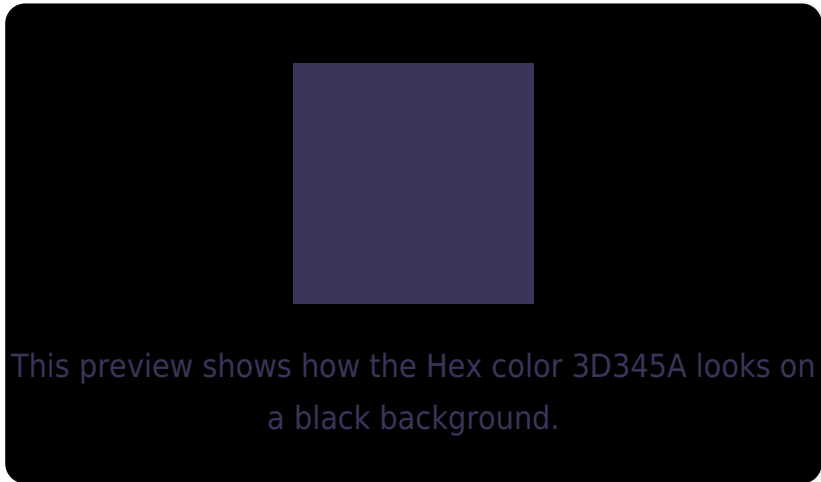
Large Text (above 18pt) WCAG AA ✓ Pass

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

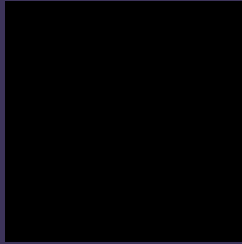
Any Text WCAG AA × Fail

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 3D345A Background



This preview shows how black text looks on a background with the Hex color 3D345A.



This preview shows how white text looks on a background with the Hex color 3D345A.

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
3D345A

Protanopia
2B395E

Deuteranopia
2A3A59



Tritanopia
373A3F

Trichromacy



Original Color
3D345A

Protanomaly
32375D

Deuteranomaly
313859

Tritanomaly
393849

Monochromacy



Original Color
3D345A

Achromatopsia
3B3B3B

Achromatomaly
3C3846

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D345A 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 #3D345A looks like.

```
.text, #text, p{  
    color:#3D345A  
}
```

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 #3D345A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D345A
}
```

Border

The CSS property to change the border of an element to Hex 3D345A 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
#3D345A }
```

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

```
.border{ border-color:#3D345A }
```

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

Here you see how a box with a 4 pixel #3D345A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D345A; -webkit-box-shadow:4px 4px  
4px 4px #3D345A; box-shadow:4px 4px 4px  
4px #3D345A }
```

Background

The CSS property to change the background color of an element to Hex 3D345A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D345A }
```

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

```
.background{ background-color:#3D345A }
```

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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