

Converting Colors

Hex(40335B)

Have a look what the booklet for
Hex(40335B) contains.

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Color

Hex(40335B)

Conversions

Conversions Part 1

Format	Color
Hex	40335B
RGB	64, 51, 91
RGB Percent	25%, 20%, 36%
CMY	0.7490, 0.8000, 0.6431
CMYK	0.30, 0.44, 0.00, 0.64
HSL	260°, 28%, 28%
HSV	260°, 44%, 36%
XYZ	5.1865, 4.2130, 10.4374
YIQ	59.4470, -5.0920, 15.1960

Conversions

Conversions Part 2

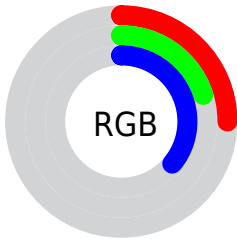
Format	Color
RYB	64, 51, 91
Decimal	4207451
CIELab	24.36, 15.67, -21.94
CIELCh	24, 26.960, 305.532
Yxy	4.2130, 0.2615, 0.2124
Android (android.graphics.Color)	4282397531 (0xFF40335B)
YUV	59.4470, 15.5556, 3.9930
Hunter-Lab	20.5255, 9.1847, -15.7815

Details

The Hex color **40335B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4E5B33**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **71628D**, and **15062D** is the 20% darker color. If you saturate the color by 10%, you get **3A2A5B**, and if you desaturate by 10%, it is **463C5B**.

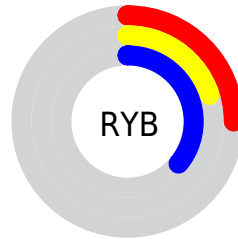
Distribution



Red (25%)

Green (20%)

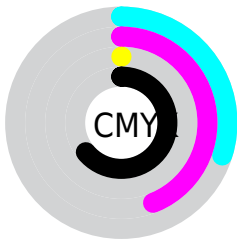
Blue (36%)



Red (25%)

Yellow (20%)

Blue (36%)

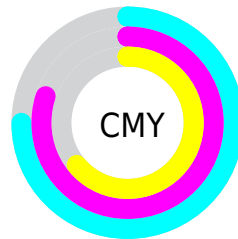


Cyan (30%)

Magenta (44%)

Yellow (0%)

Black (64%)



Cyan (75%)

Magenta (80%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40335B 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 40335B by changing the saturation by 10% instead.

■ 40335B

■ 40335B

FFFFFF

■ 291E43

■ 71628D

■ 15062D

■ 8B7AA8

■ 000118

■ A594C3

■ 000000

■ C1AFDF

■ DDCAFC

■ F9E7FF

■ 40335B

■ 40335B

■ 3A2A5B

■ 463C5B

■ 34215B

■ 4C455B

■ 2E185B

■ 524E5B

■ 270F5B

■ 59575B

■ 21065B

■ 5F615B

■ 1E005B

■ 656A5B

■ 6B735B

■ 717C5B

■ 77855B

Harmonies

Analogous

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



1A3B62



40335B



562B4B

Triad

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



40335B



523315



00443D

Complementary

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



40335B



4E5B33

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.



0D4328



40335B



423A0F

Square

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



40335B



5D2B23



2C3F17



004351

Rectangle

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



40335B



5D283E



2C3F17



004436

Sweetspot

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



40335B



6B6675



334E5B



34313B



BABABA



3B3B3B

Same Dimension

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



40335B



4B3775



54335B



2B292E



24006E



4D00ED

Inverse Universe

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



5B334E



753761



3A5B33



2E292C



6E004A



ED00A0

Previews

White Background



This preview shows how the Hex color 40335B looks on a white background.

Color Contrast Check

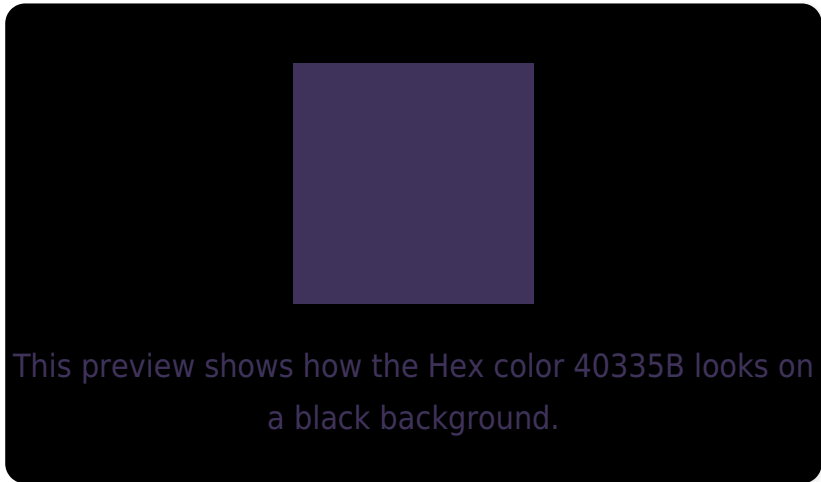
Large Text (above 18pt) WCAG AA ✓ Pass

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

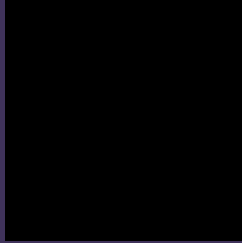
Any Text WCAG AA × Fail

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 40335B Background



This preview shows how black text looks on a background with the Hex color 40335B.



This preview shows how white text looks on a background with the Hex color 40335B.

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
40335B

Protanopia
2A3960

Deuteranopia
2A3A5A



Tritanopia
3A393E

Trichromacy



Original Color
40335B

Protanomaly
32375E

Deuteranomaly
32375A

Tritanomaly
3C3749

Monochromacy



Original Color
40335B

Achromatopsia
3B3B3B

Achromatomaly
3D3847

CSS Examples

Text

The CSS property to change the color of the text to Hex 40335B 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 #40335B looks like.

```
.text, #text, p{  
    color:#40335B  
}
```

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 #40335B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40335B
}
```

Border

The CSS property to change the border of an element to Hex 40335B 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
#40335B }
```

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

```
.border{ border-color:#40335B }
```

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

Here you see how a box with a 4 pixel #40335B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40335B; -webkit-box-shadow:4px 4px  
4px 4px #40335B; box-shadow:4px 4px 4px  
4px #40335B }
```

Background

The CSS property to change the background color of an element to Hex 40335B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40335B }
```

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

```
.background{ background-color:#40335B }
```

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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