

Converting Colors

Hex(40326E)

Have a look what the booklet for
Hex(40326E) contains.

Hex(40326E)	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(40326E)

Conversions

Conversions Part 1

Format	Color
Hex	40326E
RGB	64, 50, 110
RGB Percent	25%, 20%, 43%
CMY	0.7490, 0.8039, 0.5686
CMYK	0.42, 0.55, 0.00, 0.57
HSL	254°, 38%, 31%
HSV	254°, 55%, 43%
XYZ	6.0694, 4.4970, 15.3000
YIQ	61.0260, -10.9160, 21.6280

Conversions

Conversions Part 2

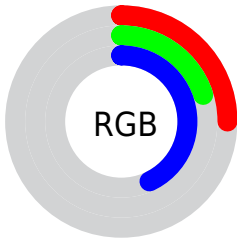
Format	Color
RYB	64, 50, 110
Decimal	4207214
CIELab	25.25, 22.05, -32.86
CIELCh	25, 39.567, 303.862
Yxy	4.4970, 0.2346, 0.1739
Android (android.graphics.Color)	4282397294 (0xFF40326E)
YUV	61.0260, 24.1442, 2.6082
Hunter-Lab	21.2061, 13.9781, -27.9328

Details

The Hex color **40326E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **606E32**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7361A2**, and **0E073E** is the 20% darker color. If you saturate the color by 10%, you get **38276E**, and if you desaturate by 10%, it is **483D6E**.

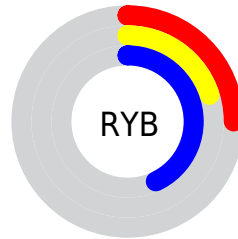
Distribution



Red (25%)

Green (20%)

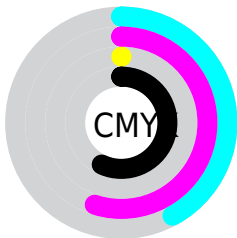
Blue (43%)



Red (25%)

Yellow (20%)

Blue (43%)

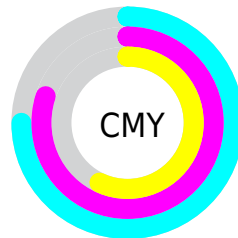


Cyan (42%)

Magenta (55%)

Yellow (0%)

Black (57%)



Cyan (75%)

Magenta (80%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40326E 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 40326E by changing the saturation by 10% instead.

■ 40326E

■ 40326E

FFFFFF

■ 271D55

■ 7361A2

■ 0E073E

■ 8D7ABD

■ 000127

■ A893D9

■ 000111

■ C4AEF6

■ 000000

■ E0CAFF

■ FDE6FF

■ 40326E

■ 40326E

■ 38276E

■ 483D6E

■ 2F1C6E

■ 51486E

■ 27116E

■ 59536E

■ 1E066E

■ 625E6E

■ 1A006E

■ 6A696E

■ 73746E

■ 7B7F6E

■ 838A6E

■ 8C956E

Harmonies

Analogous

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



003E78



40326E



622357

Triad

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



40326E



5E3000



00493F

Complementary

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



40326E



606E32

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.



004820



40326E



463C00

Square

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



40326E



6D221C



274301



00495D

Rectangle

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



40326E



6D1C43



274301



004935

Sweetspot

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



40326E



7D788F



32606E



3D3A47



C7C7C7



474747

Same Dimension

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



40326E



48328F



5E326E



343238



1C0078



3A00F7

Inverse Universe

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



6E3260



8F3279



426E32



383237



78005C



F700BE

Previews

White Background



This preview shows how the Hex color 40326E looks on a white background.

Color Contrast Check

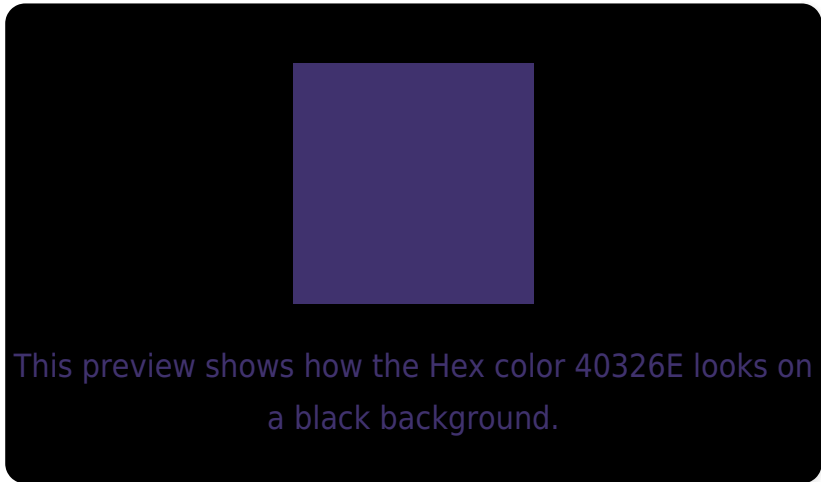
Large Text (above 18pt) WCAG AA ✓ Pass

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

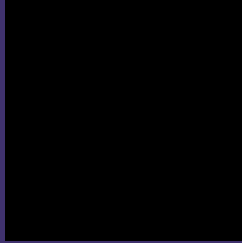
Any Text WCAG AA × Fail

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 40326E Background



This preview shows how black text looks on a background with the Hex color 40326E.



This preview shows how white text looks on a background with the Hex color 40326E.

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
40326E

Protanopia
163A76

Deuteranopia
0D3D6C



Tritanopia
353D42

Trichromacy



Original Color
40326E

Protanomaly
253773

Deuteranomaly
20396D

Tritanomaly
393952

Monochromacy



Original Color
40326E

Achromatopsia
3D3D3D

Achromatomaly
3E394F

CSS Examples

Text

The CSS property to change the color of the text to Hex 40326E 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 #40326E looks like.

```
.text, #text, p{  
    color:#40326E  
}
```

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 #40326E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40326E
}
```

Border

The CSS property to change the border of an element to Hex 40326E is called "border". The border property can be set on classes, ids or directly on the HTML element.

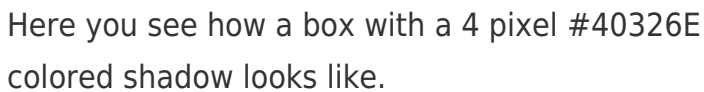
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40326E }
```

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

```
.border{ border-color:#40326E }
```

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



Here you see how a box with a 4 pixel #40326E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40326E; -webkit-box-shadow:4px 4px  
4px 4px #40326E; box-shadow:4px 4px 4px  
4px #40326E }
```

Background

The CSS property to change the background color of an element to Hex 40326E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40326E }
```

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

```
.background{ background-color:#40326E }
```

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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