

Converting Colors

Hex(3C336E)

Have a look what the booklet for
Hex(3C336E) contains.

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Color

Hex(3C336E)

Conversions

Conversions Part 1

Format	Color
Hex	3C336E
RGB	60, 51, 110
RGB Percent	24%, 20%, 43%
CMY	0.7647, 0.8000, 0.5686
CMYK	0.45, 0.54, 0.00, 0.57
HSL	249°, 37%, 32%
HSV	249°, 54%, 43%
XYZ	5.8618, 4.4541, 15.3026
YIQ	60.4170, -13.5750, 20.2570

Conversions

Conversions Part 2

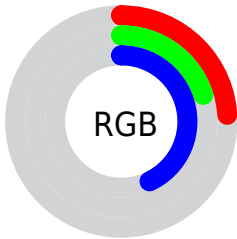
Format	Color
R _{YB}	60, 51, 110
Decimal	3945326
CIE Lab	25.12, 20.31, -33.09
CIE LCh	25, 38.823, 301.539
Yxy	4.4541, 0.2288, 0.1739
Android (android.graphics.Color)	4282135406 (0xFF3C336E)
YUV	60.4170, 24.4444, -0.3657
Hunter-Lab	21.1047, 12.6445, -28.2167

Details

The Hex color **3C336E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **656E33**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6F62A2**, and **08083E** is the 20% darker color. If you saturate the color by 10%, you get **33286E**, and if you desaturate by 10%, it is **453E6E**.

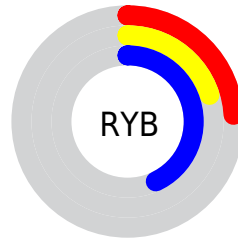
Distribution



Red (24%)

Green (20%)

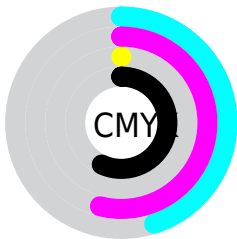
Blue (43%)



Red (24%)

Yellow (20%)

Blue (43%)

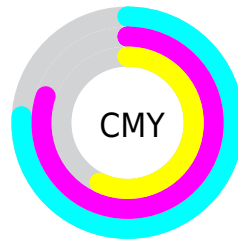


Cyan (45%)

Magenta (54%)

Yellow (0%)

Black (57%)



Cyan (76%)

Magenta (80%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C336E 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 3C336E by changing the saturation by 10% instead.



3C336E



3C336E

FFFFFF



231E55



6F62A2



08083E



897BBD



000327



A494D9



000111



C0AFF6



000000



DCCAFF



F9E7FF



3C336E



3C336E



33286E



453E6E

■ 291D6E

■ 4F496E

■ 20126E

■ 58546E

■ 17076E

■ 615F6E

■ 11006E

■ 6B6A6E

■ 74756E

■ 7D806E

■ 878B6E

■ 90966E

Harmonies

Analogous

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



003F77



3C336E



602458

Triad

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



3C336E



5E2F03



00493C

Complementary

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



3C336E



656E33

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.



00471E



3C336E



483B00

Square

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



3C336E



6D221F



2A4300



00495A

Rectangle

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



3C336E



6B1D45



2A4300



004832

Sweetspot

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



3C336E



7B788F



33656E



3C3A47



C7C7C7



474747

Same Dimension

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



3C336E



41338F



59336E



333238



120078



2600F7

Inverse Universe

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



6E3365



8F3381



486E33



383237



780066



F700D2

Previews

White Background



This preview shows how the Hex color 3C336E looks on a white background.

Color Contrast Check

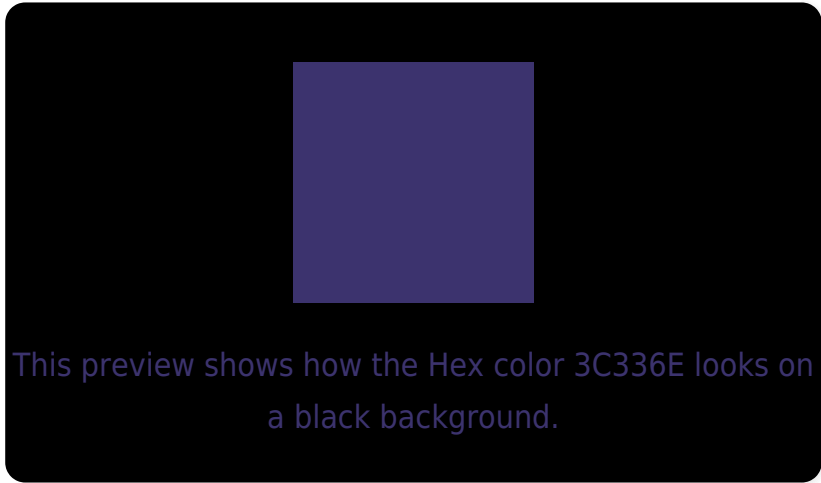
Large Text (above 18pt) WCAG AA ✓ Pass

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

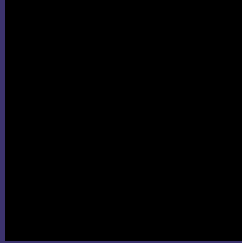
Any Text WCAG AA × Fail

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 3C336E Background



This preview shows how black text looks on a background with the Hex color 3C336E.



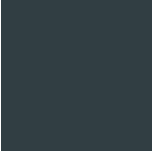
This preview shows how white text looks on a background with the Hex color 3C336E.

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





Tritanopia
313E43

Trichromacy



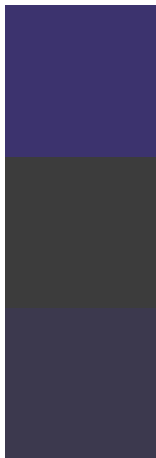
Original Color
3C336E

Protanomaly
243772

Deuteranomaly
19396D

Tritanomaly
353A53

Monochromacy



Original Color
3C336E

Achromatopsia
3C3C3C

Achromatomaly
3C394E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C336E 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 #3C336E looks like.

```
.text, #text, p{  
    color:#3C336E  
}
```

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 #3C336E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C336E
}
```

Border

The CSS property to change the border of an element to Hex 3C336E is called "border". The border property can be set on classes, ids or directly on the HTML element.

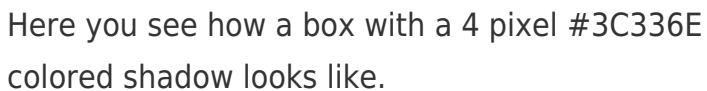
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C336E }
```

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

```
.border{ border-color:#3C336E }
```

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



Here you see how a box with a 4 pixel #3C336E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C336E; -webkit-box-shadow:4px 4px  
4px 4px #3C336E; box-shadow:4px 4px 4px  
4px #3C336E }
```

Background

The CSS property to change the background color of an element to Hex 3C336E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C336E }
```

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

```
.background{ background-color:#3C336E }
```

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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