

# Converting Colors

Hex(3C235A)

Have a look what the booklet for  
Hex(3C235A) contains.

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# Color

**Hex(3C235A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C235A
RGB	60, 35, 90
RGB Percent	24%, 14%, 35%
CMY	0.7647, 0.8627, 0.6471
CMYK	0.33, 0.61, 0.00, 0.65
HSL	267°, 44%, 25%
HSV	267°, 61%, 35%
XYZ	4.3100, 2.9009, 10.0056
YIQ	48.7450, -2.7550, 22.4050

# Conversions

## Conversions Part 2

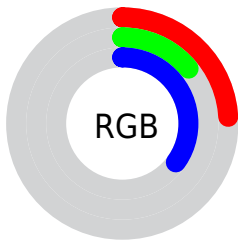
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 35, 90
Decimal	3941210
CIE <sub>Lab</sub>	19.64, 24.67, -28.80
CIE <sub>LCh</sub>	20, 37.919, 310.580
Yxy	2.9009, 0.2503, 0.1685
Android (android.graphics.Color)	4282131290 (0xFF3C235A)
YUV	48.7450, 20.3387, 9.8706
Hunter-Lab	17.0321, 15.3635, -22.9080

# Details

The Hex color **3C235A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **415A23**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6E518D**, and **13002C** is the 20% darker color. If you saturate the color by 10%, you get **371A5A**, and if you desaturate by 10%, it is **412C5A**.

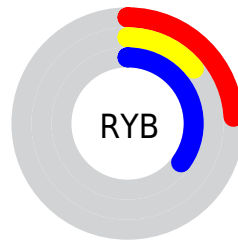
# Distribution



Red (24%)

Green (14%)

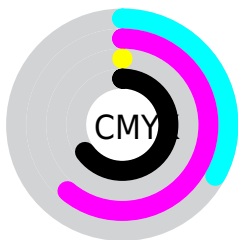
Blue (35%)



Red (24%)

Yellow (14%)

Blue (35%)

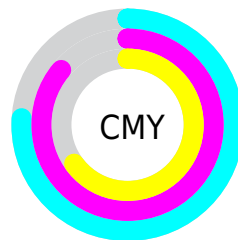


Cyan (33%)

Magenta (61%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (86%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C235A 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 3C235A by changing the saturation by 10% instead.





3C235A



3C235A

FFFFFF



240E42



6E518D



13002C



8869A7



000116



A283C2



000000



BE9DDF



DAB8FB



F7D4FF



FFF0FF



3C235A



3C235A

■ 371A5A

■ 412C5A

■ 32115A

■ 46355A

■ 2D085A

■ 4B3E5A

■ 29005A

■ 50475A

■ 55505A

■ 59595A

■ 5E625A

■ 636B5A

■ 68745A

# Harmonies

## Analogous

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



003067



3C235A



571343

# Triad

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



3C235A



4A2700



003C39

# Complementary

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



3C235A



415A23

# 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.



003A1C



3C235A



333100

# Square

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



3C235A



5A190B



133700



003B53

# Rectangle

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



3C235A



5E0D30



133700



003B2F



# Sweetspot

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



3C235A



6A6075



23415A



342E3B



BABABA



3B3B3B



# Same Dimension

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



3C235A



472075



57235A



2B292E



32006E



6C00ED



# Inverse Universe

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



5A2341



75204E



265A23



2E292C



6E003C



ED0081



# Previews

## White Background



This preview shows how the Hex color 3C235A 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

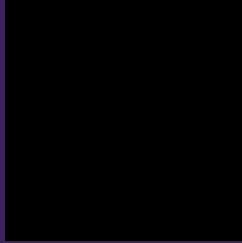
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C235A Background



This preview shows how black text looks on a background with the Hex color 3C235A.



This preview shows how white text looks on a background with the Hex color 3C235A.

# 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**  
3C235A

**Protanopia**  
002E62

**Deuteranopia**  
003157



**Tritanopia**  
342E32

# Trichromacy



**Original Color**  
3C235A

**Protanomaly**  
162A5F

**Deuteranomaly**  
162C58

**Tritanomaly**  
372A41

# Monochromacy



**Original Color**  
3C235A

**Achromatopsia**  
313131

**Achromatomaly**  
352C40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C235A 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 #3C235A looks like.

```
.text, #text, p{  
    color:#3C235A  
}
```

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 #3C235A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C235A
}
```

## Border

The CSS property to change the border of an element to Hex 3C235A 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".

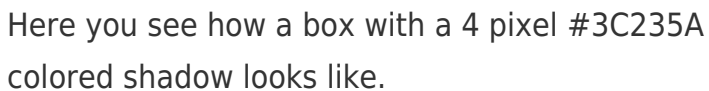
```
.border, #border, table{ border:4px solid
#3C235A }
```

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

```
.border{ border-color:#3C235A }
```

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

Here you see how a box with a 4 pixel #3C235A colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C235A; -webkit-box-shadow:4px 4px  
4px 4px #3C235A; box-shadow:4px 4px 4px  
4px #3C235A }
```

# Background

The CSS property to change the background color of an element to Hex 3C235A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C235A }
```

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

```
.background{ background-color:#3C235A }
```

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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