

# Converting Colors

Hex(4A345B)

Have a look what the booklet for  
Hex(4A345B) contains.

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# Color

**Hex(4A345B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A345B
RGB	74, 52, 91
RGB Percent	29%, 20%, 36%
CMY	0.7098, 0.7961, 0.6431
CMYK	0.19, 0.43, 0.00, 0.64
HSL	274°, 27%, 28%
HSV	274°, 43%, 36%
XYZ	5.9404, 4.6672, 10.4853
YIQ	63.0240, 0.5930, 16.7930

# Conversions

## Conversions Part 2

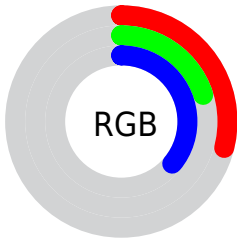
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 52, 91
Decimal	4863067
CIE <sub>Lab</sub>	25.76, 18.40, -19.66
CIE <sub>LCh</sub>	26, 26.933, 313.105
Yxy	4.6672, 0.2816, 0.2213
Android (android.graphics.Color)	4283053147 (0xFF4A345B)
YUV	63.0240, 13.7922, 9.6260
Hunter-Lab	21.6036, 11.2759, -13.6538

# Details

The Hex color **4A345B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **455B34**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7C638D**, and **1D092D** is the 20% darker color. If you saturate the color by 10%, you get **462B5B**, and if you desaturate by 10%, it is **4E3D5B**.

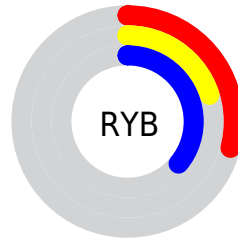
# Distribution



Red (29%)

Green (20%)

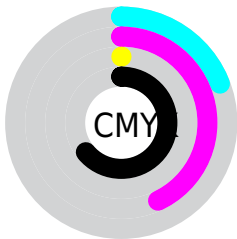
Blue (36%)



Red (29%)

Yellow (20%)

Blue (36%)

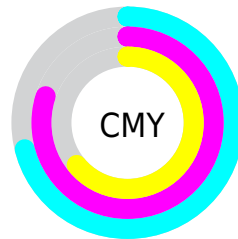


Cyan (19%)

Magenta (43%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (80%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A345B 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 4A345B by changing the saturation by 10% instead.



■ 4A345B

■ 4A345B

FFFFFF

■ 331E43

■ 7C638D

■ 1D092D

■ 967CA8

■ 000118

■ B196C3

■ 000000

■ CCB1DF

■ E8CCFC

■ FFE8FF

■ 4A345B

■ 4A345B

■ 462B5B

■ 4E3D5B

■ 42225B

■ 52465B

■ 3E195B

■ 564F5B

■ 3A105B

■ 5A585B

■ 36065B

■ 5E625B

■ 33005B

■ 626B5B

■ 66745B

■ 6A7D5B

■ 6E865B

# Harmonies

## Analogous

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



2A3C65



4A345B



5D2D49

# Triad

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



4A345B



523815



004746

# Complementary

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



4A345B



455B34

# 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.



024630



4A345B



403F13

# Square

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



4A345B



5F3022



29441E



004658

# Rectangle

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



4A345B



622B3C



29441E



00473F



# Sweetspot

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



4A345B



6F6675



34465B



37313B



BABABA



3B3B3B



# Same Dimension

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



4A345B



5B3975



5B3459



2C292E



3E006E



8600ED



# Inverse Universe

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



5B3445



753954



345B36



2E292B



6E0030



ED0067



# Previews

## White Background



This preview shows how the Hex color 4A345B looks on a white background.

## Color Contrast Check

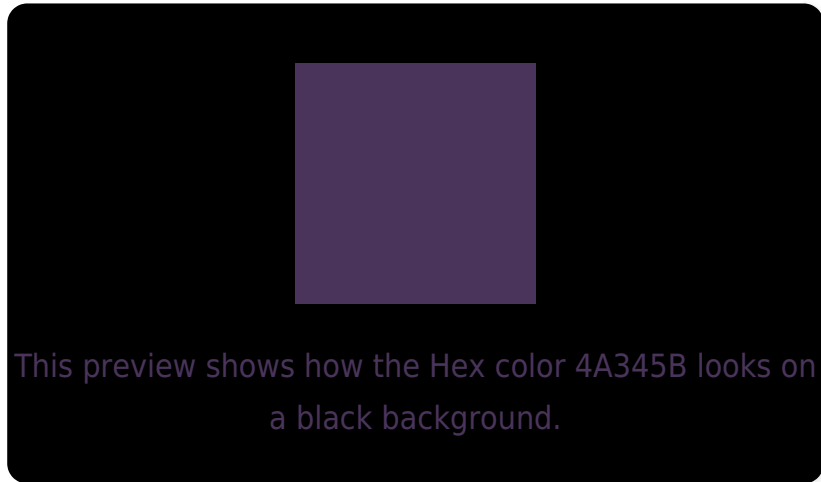
Large Text (above 18pt) WCAG AA ✓ Pass

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

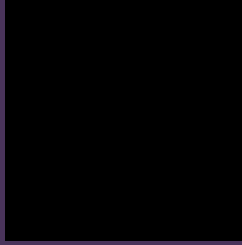
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A345B Background



This preview shows how black text looks on a background with the Hex color 4A345B.



This preview shows how white text looks on a background with the Hex color 4A345B.

# 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**  
4A345B

**Protanopia**  
2F3C62

**Deuteranopia**  
323D59



**Tritanopia**  
453A3F

# Trichromacy



**Original Color**  
4A345B

**Protanomaly**  
39395F

**Deuteranomaly**  
3B3A5A

**Tritanomaly**  
473849

# Monochromacy



**Original Color**  
4A345B

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
433B49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A345B 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 #4A345B looks like.

```
.text, #text, p{  
    color:#4A345B  
}
```

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 #4A345B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A345B  
}
```

## Border

The CSS property to change the border of an element to Hex 4A345B 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  
#4A345B }
```

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

```
.border{ border-color:#4A345B }
```

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

Here you see how a box with a 4 pixel #4A345B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A345B; -webkit-box-shadow:4px 4px  
4px 4px #4A345B; box-shadow:4px 4px 4px  
4px #4A345B }
```

# Background

The CSS property to change the background color of an element to Hex 4A345B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A345B }
```

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

```
.background{ background-color:#4A345B }
```

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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