

Converting Colors

Hex(3A243B)

Have a look what the booklet for
Hex(3A243B) contains.

Hex(3A243B)	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(3A243B)

Conversions

Conversions Part 1

Format	Color
Hex	3A243B
RGB	58, 36, 59
RGB Percent	23%, 14%, 23%
CMY	0.7725, 0.8588, 0.7686
CMYK	0.02, 0.39, 0.00, 0.77
HSL	297°, 24%, 19%
HSV	297°, 39%, 23%
XYZ	3.1652, 2.4771, 4.4490
YIQ	45.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

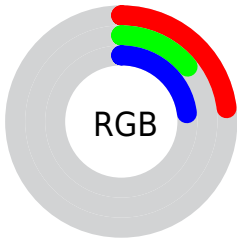
Format	Color
R_{YB}	58, 36, 59
Decimal	3810363
CIE _{Lab}	17.81, 15.11, -10.58
CIE _{LCh}	18, 18.450, 324.991
Yxy	2.4771, 0.3137, 0.2455
Android (android.graphics.Color)	4282000443 (0xFF3A243B)
YUV	45.2000, 6.8034, 11.2256
Hunter-Lab	15.7387, 8.3556, -5.7429

Details

The Hex color **3A243B** is a dark color, and the websafe version is hex **333333**, and the color name is **deep purple (kokimurasaki)**. A complement of this color would be **253B24**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6A516A**, and **070010** is the 20% darker color. If you saturate the color by 10%, you get **3A1E3B**, and if you desaturate by 10%, it is **3A2A3B**.

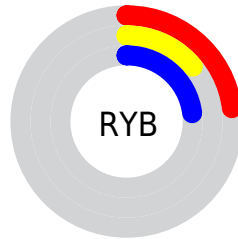
Distribution



 Red (23%)

 Green (14%)

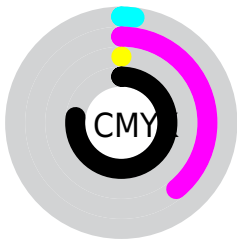
 Blue (23%)



 Red (23%)

 Yellow (14%)

 Blue (23%)

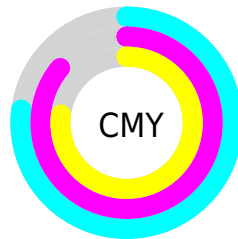


 Cyan (2%)

 Magenta (39%)

 Yellow (0%)

 Black (77%)



 Cyan (77%)

 Magenta (86%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A243B 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 3A243B by changing the saturation by 10% instead.

■ 3A243B

■ 3A243B

FFFFFF

■ 240F25

■ 6A516A

■ 070010

■ 836983

■ 000000

■ 9D839E

■ B89DB9

■ D4B8D4

■ F0D3F1

■ FFF0FF

■ 3A243B

■ 3A243B

■ 3A1E3B

■ 3A2A3B

■ 39183B

■ 3B303B

■ 39123B

■ 3B363B

■ 390C3B

■ 3B3C3B

■ 39063B

■ 3B423B

■ 38013B

■ 3C473B

■ 38003B

■ 3C4D3B

■ 3C533B

■ 3C593B

Harmonies

Analogous

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



292944



3A243B



43212E

Triad

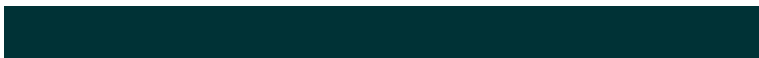
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A243B



362A11



003236

Complementary

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



3A243B



253B24

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.



023229



3A243B



292E13

Square

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



3A243B



402516



19311C



003141

Rectangle

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



3A243B



452125



19311C



003232

Sweetspot

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



3A243B



4C434D



24253B



262126



A6A6A6



262626

Same Dimension

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



3A243B



4B294D



3B2431



1E1C1F



5A005E



D400DE

Inverse Universe

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



3B2425



4D292A



243B2E



1F1C1C



5E0004



DE000A

Previews

White Background



This preview shows how the Hex color 3A243B looks on a white background.

Color Contrast Check

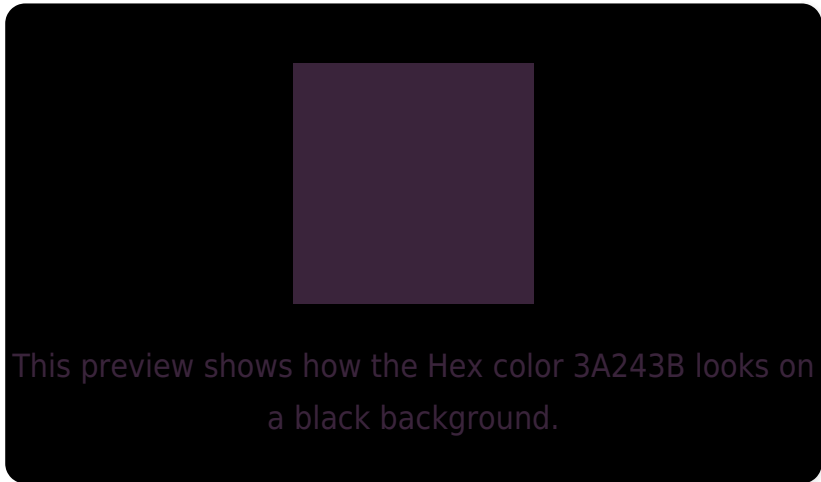
Large Text (above 18pt) WCAG AA ✓ Pass

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

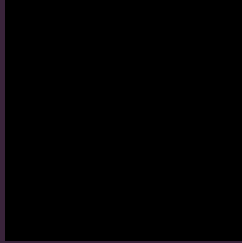
Any Text WCAG AA × Fail

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 3A243B Background



This preview shows how black text looks on a background with the Hex color 3A243B.



This preview shows how white text looks on a background with the Hex color 3A243B.

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
3A243B

Protanopia
252B41

Deuteranopia
292B3A



Tritanopia
38272B

Trichromacy



Original Color
3A243B

Protanomaly
2D283F

Deuteranomaly
2F283A

Tritanomaly
392631

Monochromacy



Original Color
3A243B

Achromatopsia
2D2D2D

Achromatomaly
322A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A243B 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 #3A243B looks like.

```
.text, #text, p{  
    color:#3A243B  
}
```

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 #3A243B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A243B
}
```

Border

The CSS property to change the border of an element to Hex 3A243B is called "border". The border property can be set on classes, ids or directly on the HTML element.

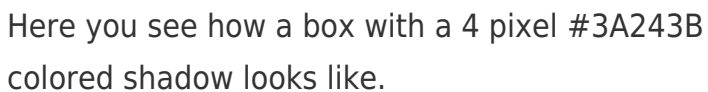
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A243B }
```

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

```
.border{ border-color:#3A243B }
```

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



Here you see how a box with a 4 pixel #3A243B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A243B; -webkit-box-shadow:4px 4px  
4px 4px #3A243B; box-shadow:4px 4px 4px  
4px #3A243B }
```

Background

The CSS property to change the background color of an element to Hex 3A243B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A243B }
```

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

```
.background{ background-color:#3A243B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor