

# Converting Colors

Hex(32243A)

Have a look what the booklet for  
Hex(32243A) contains.

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# Color

**Hex(32243A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32243A
RGB	50, 36, 58
RGB Percent	20%, 14%, 23%
CMY	0.8039, 0.8588, 0.7725
CMYK	0.14, 0.38, 0.00, 0.77
HSL	278°, 23%, 18%
HSV	278°, 38%, 23%
XYZ	2.7100, 2.2454, 4.2936
YIQ	42.6940, 1.2820, 9.8100

# Conversions

## Conversions Part 2

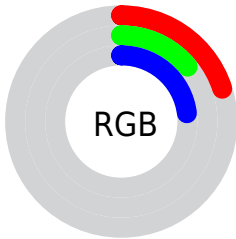
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 36, 58
Decimal	3286074
CIE <sub>Lab</sub>	16.73, 11.69, -11.65
CIE <sub>LCh</sub>	17, 16.506, 315.099
Yxy	2.2454, 0.2930, 0.2428
Android (android.graphics.Color)	4281476154 (0xFF32243A)
YUV	42.6940, 7.5459, 6.4074
Hunter-Lab	14.9845, 6.0594, -6.4994

# Details

The Hex color **32243A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C3A24**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **615169**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **301E3A**, and if you desaturate by 10%, it is **342A3A**.

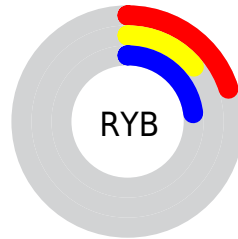
# Distribution



Red (20%)

Green (14%)

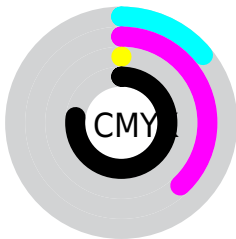
Blue (23%)



Red (20%)

Yellow (14%)

Blue (23%)

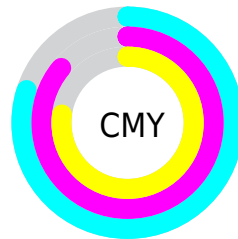


Cyan (14%)

Magenta (38%)

Yellow (0%)

Black (77%)



Cyan (80%)

Magenta (86%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32243A 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 32243A by changing the saturation by 10% instead.



■ 32243A

■ 32243A

FFFFFF

■ 1D1024

■ 615169

■ 00010E

■ 7A6982

■ 000000

■ 93829C

■ AE9CB7

■ CAB7D3

■ E6D3EF

■ FFEFFF

■ 32243A

■ 32243A

■ 301E3A

■ 342A3A

■ 2E183A

■ 36303A

■ 2C133A

■ 38353A

■ 2A0D3A

■ 3A3B3A

■ 27073A

■ 3D413A

■ 25013A

■ 3F473A

■ 25003A

■ 414D3A

■ 43523A

■ 45583A

# Harmonies

## Analogous

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



212840



32243A



3C2130

# Triad

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



32243A



362712



002F2F

# Complementary

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



32243A



2C3A24

# 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.



0D2F23



32243A



2B2A12

# Square

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



32243A



3D2219



1E2D18



002F3A

# Rectangle

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



32243A



402028



1E2D18



002F2B



# Sweetspot

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



32243A



49444D



242C3A



242126



A6A6A6



262626



# Same Dimension

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



32243A



40294D



3A2437



1B191C



3A005C



8C00DB



# Inverse Universe

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



3A242C



4D2936



243A27



1C191A



5C0021

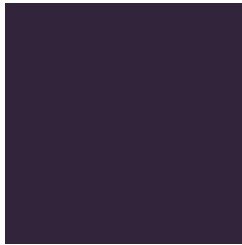


DB0050



# Previews

## White Background



This preview shows how the Hex color 32243A looks on a white background.

## Color Contrast Check

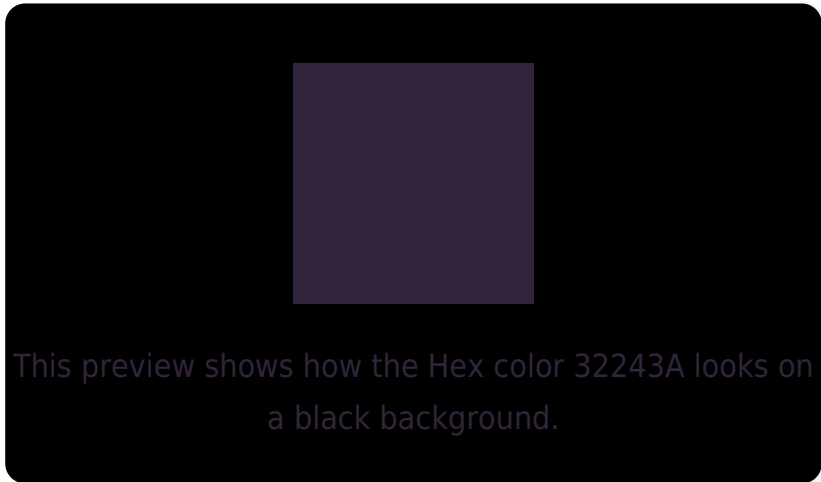
Large Text (above 18pt) WCAG AA ✓ Pass

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

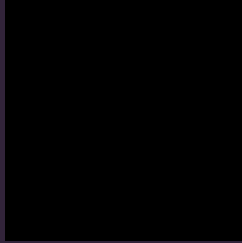
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 32243A Background



This preview shows how black text looks on a background with the Hex color 32243A.



This preview shows how white text looks on a background with the Hex color 32243A.

# 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**


32243A

**Protanopia**

22293E

**Deuteranopia**

252939



**Tritanopia**  
30272A

# Trichromacy



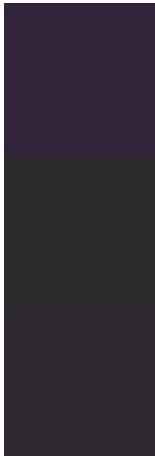
**Original Color**  
32243A

**Protanomaly**  
28273D

**Deuteranomaly**  
2A2739

**Tritanomaly**  
312630

# Monochromacy



**Original Color**  
32243A

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
2E2830

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32243A 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 #32243A looks like.

```
.text, #text, p{  
    color:#32243A  
}
```

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 #32243A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32243A
}
```

## Border

The CSS property to change the border of an element to Hex 32243A 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
#32243A }
```

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

```
.border{ border-color:#32243A }
```

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

Here you see how a box with a 4 pixel #32243A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32243A; -webkit-box-shadow:4px 4px  
4px 4px #32243A; box-shadow:4px 4px 4px  
4px #32243A }
```

# Background

The CSS property to change the background color of an element to Hex 32243A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32243A }
```

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

```
.background{ background-color:#32243A }
```

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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