

Converting Colors

Hex(33243A)

Have a look what the booklet for
Hex(33243A) contains.

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Color

Hex(33243A)

Conversions

Conversions Part 1

Format	Color
Hex	33243A
RGB	51, 36, 58
RGB Percent	20%, 14%, 23%
CMY	0.8000, 0.8588, 0.7725
CMYK	0.12, 0.38, 0.00, 0.77
HSL	281°, 23%, 18%
HSV	281°, 38%, 23%
XYZ	2.7598, 2.2710, 4.2959
YIQ	42.9930, 1.8780, 10.0220

Conversions

Conversions Part 2

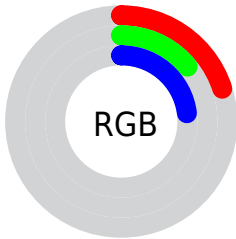
Format	Color
R_{YB}	51, 36, 58
Decimal	3351610
CIE Lab	16.85, 12.09, -11.45
CIE LCh	17, 16.648, 316.551
Yxy	2.2710, 0.2959, 0.2435
Android (android.graphics.Color)	4281541690 (0xFF33243A)
YUV	42.9930, 7.3985, 7.0221
Hunter-Lab	15.0700, 6.3170, -6.3523

Details

The Hex color **33243A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3A24**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **625169**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **311E3A**, and if you desaturate by 10%, it is **352A3A**.

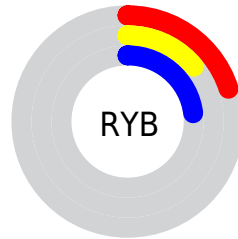
Distribution



Red (20%)

Green (14%)

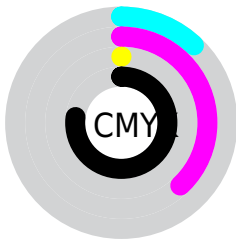
Blue (23%)



Red (20%)

Yellow (14%)

Blue (23%)

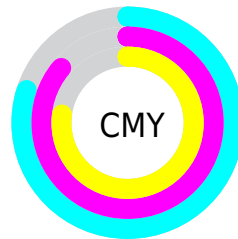


Cyan (12%)

Magenta (38%)

Yellow (0%)

Black (77%)



Cyan (80%)

Magenta (86%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33243A 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 33243A by changing the saturation by 10% instead.

■ 33243A

■ 33243A

FFFFFF

■ 1E1024

■ 625169

■ 00010E

■ 7B6982

■ 000000

■ 95829C

■ AF9CB7

■ CBB7D3

■ E7D3EF

■ FFEFFF

■ 33243A

■ 33243A

■ 311E3A

■ 352A3A

■ 2F183A

■ 37303A

■ 2D133A

■ 39353A

■ 2C0D3A

■ 3A3B3A

■ 2A073A

■ 3C413A

■ 28013A

■ 3E473A

■ 28003A

■ 404D3A

■ 42523A

■ 44583A

Harmonies

Analogous

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



222840



33243A



3D212F

Triad

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



33243A



362712



003030

Complementary

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



33243A



2B3A24

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.



0C2F24



33243A



2B2B12

Square

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



33243A



3E2319



1D2E19



002F3A

Rectangle

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



33243A



402027



1D2E19



00302C

Sweetspot

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



33243A



4A444D



242B3A



252126



A6A6A6



262626

Same Dimension

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



33243A



41294D



3A2436



1B191C



3F005C



9600DB

Inverse Universe

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



3A242B



4D2935



243A28



1C191A



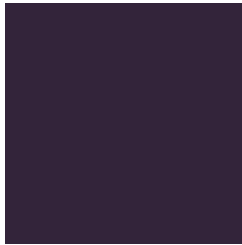
5C001D



DB0046

Previews

White Background



This preview shows how the Hex color 33243A looks on a white background.

Color Contrast Check

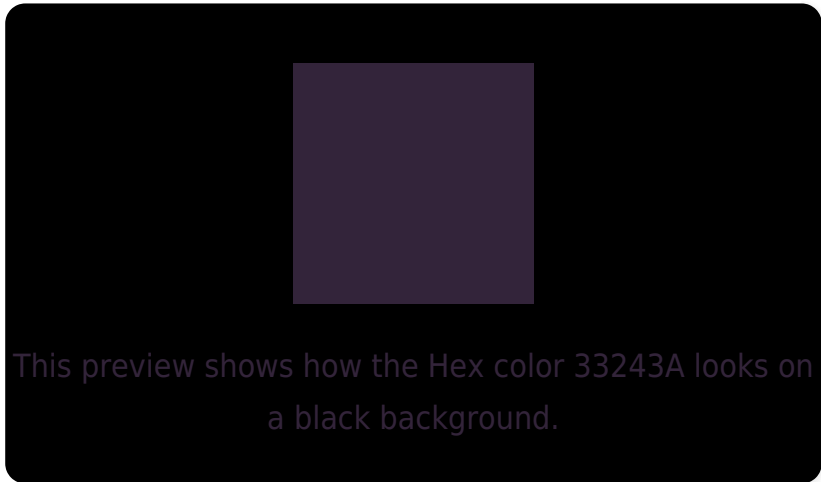
Large Text (above 18pt) WCAG AA ✓ Pass

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

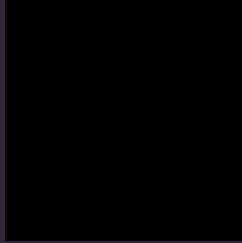
Any Text WCAG AA × Fail

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 33243A Background



This preview shows how black text looks on a background with the Hex color 33243A.



This preview shows how white text looks on a background with the Hex color 33243A.

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](#).

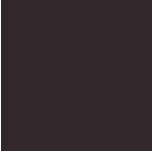
Dichromacy



Original Color
33243A

Protanopia
23293E

Deuteranopia
252939



Tritanopia
31272A

Trichromacy



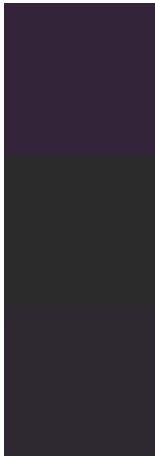
Original Color
33243A

Protanomaly
29273D

Deuteranomaly
2A2739

Tritanomaly
322630

Monochromacy



Original Color
33243A

Achromatopsia
2B2B2B

Achromatomaly
2E2830

CSS Examples

Text

The CSS property to change the color of the text to Hex 33243A 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 #33243A looks like.

```
.text, #text, p{  
    color:#33243A  
}
```

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 #33243A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33243A
}
```

Border

The CSS property to change the border of an element to Hex 33243A 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
#33243A }
```

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

```
.border{ border-color:#33243A }
```

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

Here you see how a box with a 4 pixel #33243A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33243A; -webkit-box-shadow:4px 4px  
4px 4px #33243A; box-shadow:4px 4px 4px  
4px #33243A }
```

Background

The CSS property to change the background color of an element to Hex 33243A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33243A }
```

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

```
.background{ background-color:#33243A }
```

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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