

Converting Colors

Hex(32003A)

Have a look what the booklet for
Hex(32003A) contains.

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Color

Hex(32003A)

Conversions

Conversions Part 1

Format	Color
Hex	32003A
RGB	50, 0, 58
RGB Percent	20%, 0%, 23%
CMY	0.8039, 1.0000, 0.7725
CMYK	0.14, 1.00, 0.00, 0.77
HSL	292°, 100%, 11%
HSV	292°, 100%, 23%
XYZ	2.0791, 0.9836, 4.0833
YIQ	21.5620, 11.1820, 28.6380

Conversions

Conversions Part 2

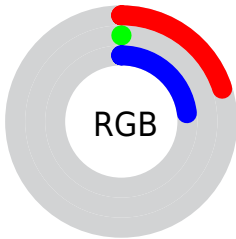
Format	Color
R_{YB}	50, 0, 58
Decimal	3276858
CIE Lab	8.85, 32.71, -24.09
CIE LCh	9, 40.621, 323.623
Yxy	0.9836, 0.2909, 0.1376
Android (android.graphics.Color)	4281466938 (0xFF32003A)
YUV	21.5620, 17.9639, 24.9401
Hunter-Lab	9.9177, 20.0644, -17.4683

Details

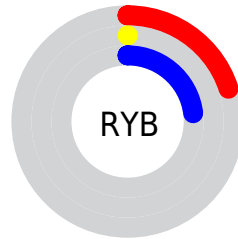
The Hex color **32003A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **083A00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **63306A**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **32003A**, and if you desaturate by 10%, it is **33063A**.

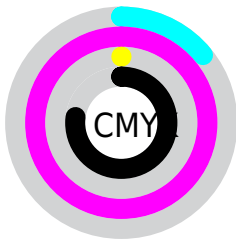
Distribution



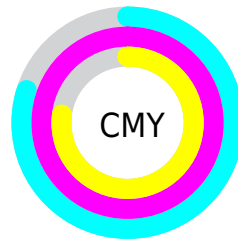
- Red (20%)
- Green (0%)
- Blue (23%)



- Red (20%)
- Yellow (0%)
- Blue (23%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (77%)



- Cyan (80%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32003A 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 32003A by changing the saturation by 10% instead.

 32003A

 32003A

 FFE7FF

 1F0024

 63306A

 00000C

 7D4883

 000000

 97609D

 B37AB8

 CF94D4

 EBAFF0

 FFCBFF

 32003A

■ 33063A

■ 340C3A

■ 34113A

■ 35173A

■ 361D3A

■ 37233A

■ 38293A

■ 382E3A

■ 39343A

Harmonies

Analogous

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



00154C



32003A



430020

Triad

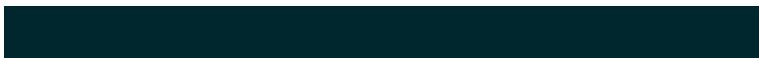
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32003A



261600



00262E

Complementary

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



32003A



083A00

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.



002512



32003A



071E00

Square

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



32003A



390600



002300



002445

Rectangle

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



32003A



46000C



002300



002625

Sweetspot

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



32003A



49364D



00093A



241826



A6A6A6



262626

Same Dimension

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



32003A



42004D



3A0026



1C191C



4F005C



BD00DB

Inverse Universe

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



3A0008



4D000B



003A14



1C191A



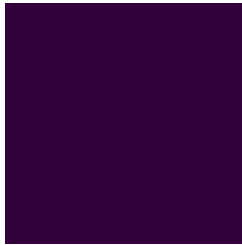
5C000D



DB001E

Previews

White Background



This preview shows how the Hex color 32003A looks on a white background.

Color Contrast Check

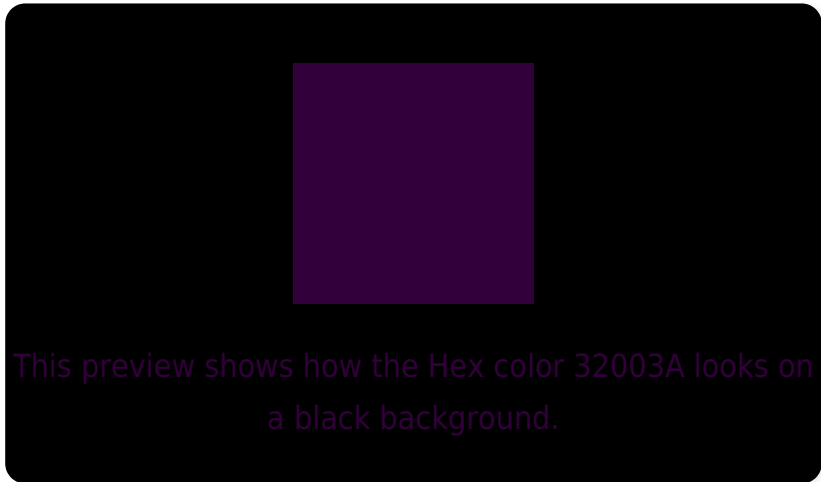
Large Text (above 18pt) WCAG AA ✓ Pass

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

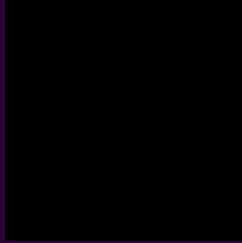
Any Text WCAG AA × Fail

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 32003A Background



This preview shows how black text looks on a background with the Hex color 32003A.



This preview shows how white text looks on a background with the Hex color 32003A.

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
32003A

Protanopia
001D3D

Deuteranopia
001E36



Tritanopia
2E1718

Trichromacy



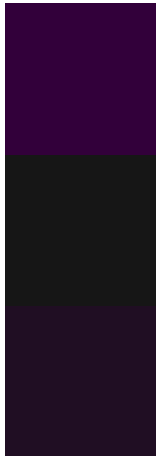
Original Color
32003A

Protanomaly
12123C

Deuteranomaly
121337

Tritanomaly
2F0F24

Monochromacy



Original Color
32003A

Achromatopsia
161616

Achromatomaly
200E23

CSS Examples

Text

The CSS property to change the color of the text to Hex 32003A 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 #32003A looks like.

```
.text, #text, p{  
    color:#32003A  
}
```

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 #32003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32003A
}
```

Border

The CSS property to change the border of an element to Hex 32003A 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".

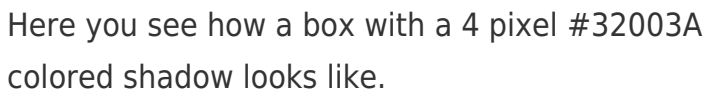
```
.border, #border, table{ border:4px solid
#32003A }
```

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

```
.border{ border-color:#32003A }
```

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

Here you see how a box with a 4 pixel #32003A 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 #32003A; -webkit-box-shadow:4px 4px  
4px 4px #32003A; box-shadow:4px 4px 4px  
4px #32003A }
```

Background

The CSS property to change the background color of an element to Hex 32003A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32003A }
```

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

```
.background{ background-color:#32003A }
```

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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