

Converting Colors

Hex(32002C)

Have a look what the booklet for
Hex(32002C) contains.

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Color

Hex(32002C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 32002C |
| RGB | 50, 0, 44 |
| RGB Percent | 20%, 0%, 17% |
| CMY | 0.8039, 1.0000, 0.8275 |
| CMYK | 0.00, 1.00, 0.12, 0.80 |
| HSL | 307°, 100%, 10% |
| HSV | 307°, 100%, 20% |
| XYZ | 1.7700, 0.8600, 2.4556 |
| YIQ | 19.9660, 15.6760, 24.2840 |

Conversions

Conversions Part 2

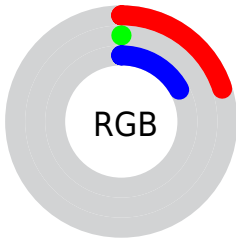
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 50, 0, 44 |
| Decimal | 3276844 |
| CIE _{Lab} | 7.77, 30.08, -15.53 |
| CIE _{LCh} | 8, 33.853, 332.700 |
| Yxy | 0.8600, 0.3480, 0.1691 |
| Android (android.graphics.Color) | 4281466924 (0xFF32002C) |
| YUV | 19.9660, 11.8488, 26.3398 |
| Hunter-Lab | 9.2734, 17.8419, -9.2085 |

Details

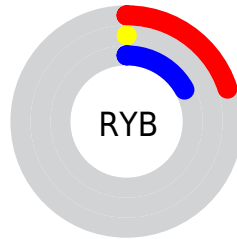
The Hex color **32002C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003206**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **632F5A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **32002C**, and if you desaturate by 10%, it is **32052D**.

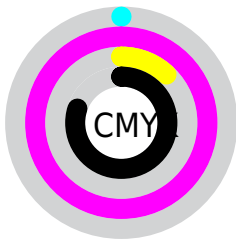
Distribution



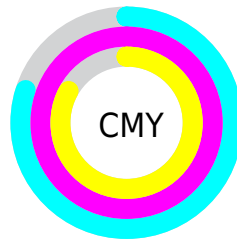
- Red (20%)
- Green (0%)
- Blue (17%)



- Red (20%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (80%)



- Cyan (80%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32002C 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 32002C by changing the saturation by 10% instead.

 32002C

 32002C

 FFE5FF

 1D0018

 632F5A

 000000

 7C4672

 975F8C

 B278A6

 CE92C2

 EBADDE

 FFC9FA

 32002C

■ 32052D

■ 320A2D

■ 320F2E

■ 32142E

■ 32192F

■ 321E30

■ 322330

■ 322831

■ 322D31

Harmonies

Analogous

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



15103D



32002C



3C0016

Triad

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



32002C



1D1700



00222F

Complementary

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



32002C



003206

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.



002318



32002C



001D00

Square

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



32002C



2E0D00



002100



001F3F

Rectangle

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



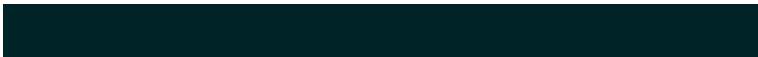
32002C



3C0000



002100



002328

Sweetspot

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



32002C



402D3D



060032



211520



A1A1A1



212121

Same Dimension

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



32002C



400038



320013



1A1719



59004F



D900BF

Inverse Universe

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



32002C



400038



00321F



1A1719



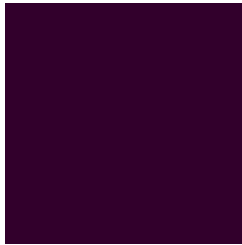
59004F



D900BF

Previews

White Background



This preview shows how the Hex color 32002C looks on a white background.

Color Contrast Check

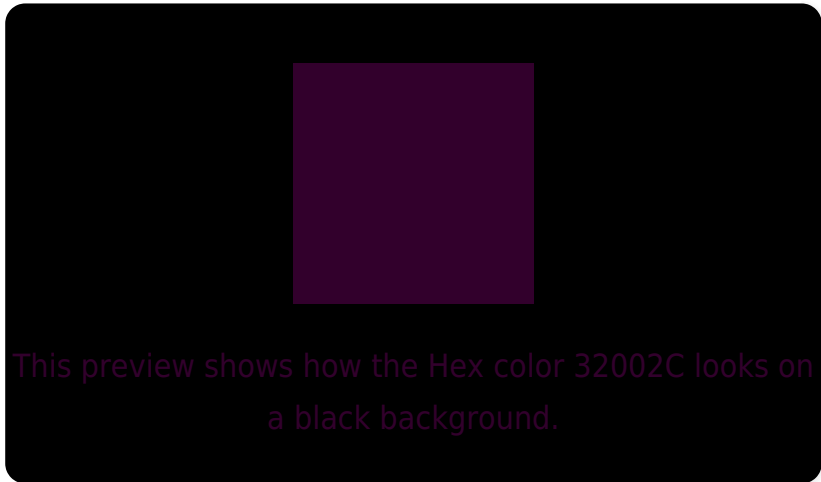
Large Text (above 18pt) WCAG AA ✓ Pass

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

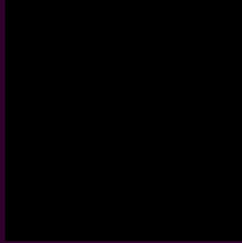
Any Text WCAG AA × Fail

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 32002C Background



This preview shows how black text looks on a background with the Hex color 32002C.



This preview shows how white text looks on a background with the Hex color 32002C.

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
32002C

Protanopia
001B39

Deuteranopia
161C29



Tritanopia
301112

Trichromacy



Original Color
32002C

Protanomaly
121134

Deuteranomaly
20122A

Tritanomaly
310B1B

Monochromacy



Original Color
32002C

Achromatopsia
141414

Achromatomaly
1F0D1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 32002C 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 #32002C looks like.

```
.text, #text, p{  
    color:#32002C  
}
```

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 #32002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32002C
}
```

Border

The CSS property to change the border of an element to Hex 32002C is called "border". The border property can be set on classes, ids or directly on the HTML element.

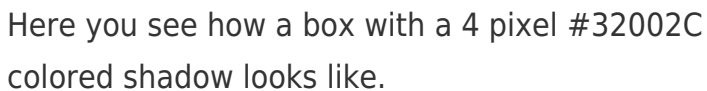
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#32002C }
```

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

```
.border{ border-color:#32002C }
```

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



Here you see how a box with a 4 pixel #32002C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32002C; -webkit-box-shadow:4px 4px  
4px 4px #32002C; box-shadow:4px 4px 4px  
4px #32002C }
```

Background

The CSS property to change the background color of an element to Hex 32002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32002C }
```

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

```
.background{ background-color:#32002C }
```

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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