

Converting Colors

Hex(2C0032)

Have a look what the booklet for
Hex(2C0032) contains.

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Color

Hex(2C0032)

Conversions

Conversions Part 1

Format	Color
Hex	2C0032
RGB	44, 0, 50
RGB Percent	17%, 0%, 20%
CMY	0.8275, 1.0000, 0.8039
CMYK	0.12, 1.00, 0.00, 0.80
HSL	293°, 100%, 10%
HSV	293°, 100%, 20%
XYZ	1.6144, 0.7658, 3.0803
YIQ	18.8560, 10.1740, 24.8780

Conversions

Conversions Part 2

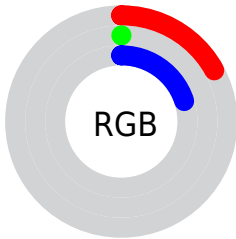
Format	Color
RYB	44, 0, 50
Decimal	2883634
CIELab	6.92, 29.75, -21.43
CIELCh	7, 36.662, 324.233
Yxy	0.7658, 0.2957, 0.1402
Android (android.graphics.Color)	4281073714 (0xFF2C0032)
YUV	18.8560, 15.3540, 22.0513
Hunter-Lab	8.7508, 17.6175, -14.7449

Details

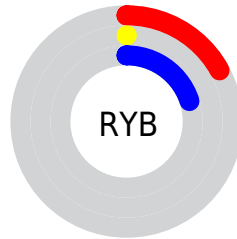
The Hex color **2C0032** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **063200**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5C2E61**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C0032**, and if you desaturate by 10%, it is **2D0532**.

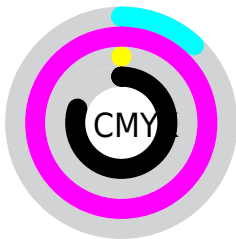
Distribution



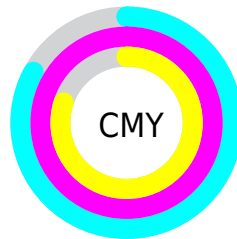
- Red (17%)
- Green (0%)
- Blue (20%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0032 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 2C0032 by changing the saturation by 10% instead.

 2C0032

 2C0032

 FFE4FF

 15001D

 5C2E61

 000000

 75457A

 905E94

 AB77AE

 C691CA

 E3ACE6

 FFC7FF

 2C0032

■ 2D0532

■ 2D0A32

■ 2E0F32

■ 2E1432

■ 2F1932

■ 301E32

■ 302332

■ 312832

■ 312D32

Harmonies

Analogous

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



001142



2C0032



3B001B

Triad

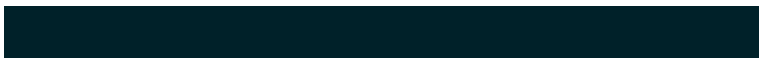
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C0032



201300



002129

Complementary

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



2C0032



063200

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.



00200E



2C0032



001B00

Square

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



2C0032



310500



002000



00203D

Rectangle

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



2C0032



3D0005



002000



002121

Sweetspot

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



2C0032



3D2D40



000732



201521



A1A1A1



212121

Same Dimension

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



2C0032



380040



320020



19171A



4F0059



BF00D9

Inverse Universe

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



320006



400008



003212



1A1717



59000B



D9001A

Previews

White Background



This preview shows how the Hex color 2C0032 looks on a white background.

Color Contrast Check

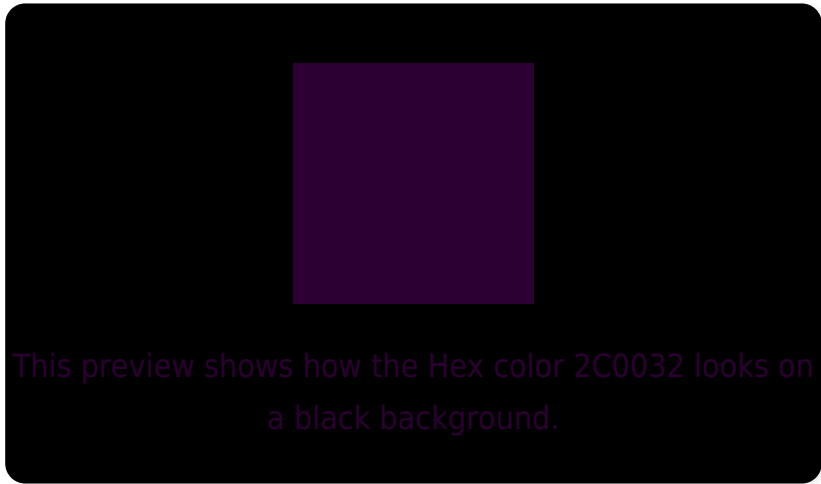
Large Text (above 18pt) WCAG AA ✓ Pass

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

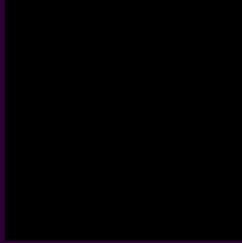
Any Text WCAG AA × Fail

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 2C0032 Background



This preview shows how black text looks on a background with the Hex color 2C0032.



This preview shows how white text looks on a background with the Hex color 2C0032.

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
2C0032

Deuteranopia
041B2F

Tritanopia
281415

Trichromacy

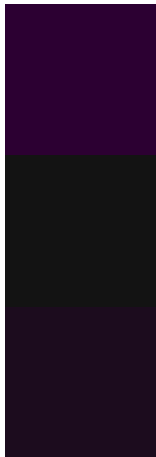


Original Color
2C0032

Deuteranomaly
131130

Tritanomaly
290D20

Monochromacy



Original Color
2C0032

Achromatopsia
131313

Achromatomaly
1C0C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0032 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 #2C0032 looks like.

```
.text, #text, p{  
    color:#2C0032  
}
```

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 #2C0032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0032
}
```

Border

The CSS property to change the border of an element to Hex 2C0032 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".

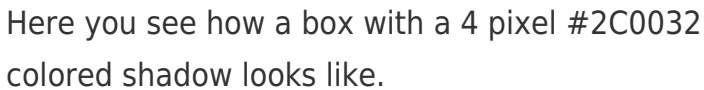
```
.border, #border, table{ border:4px solid
#2C0032 }
```

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

```
.border{ border-color:#2C0032 }
```

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

Here you see how a box with a 4 pixel #2C0032 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, left, and bottom edges. The right edge has a thicker dark purple border. The shadow is a dark purple rectangle that is slightly offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0032; -webkit-box-shadow:4px 4px  
4px 4px #2C0032; box-shadow:4px 4px 4px  
4px #2C0032 }
```

Background

The CSS property to change the background color of an element to Hex 2C0032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0032 }
```

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

```
.background{ background-color:#2C0032 }
```

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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