

Converting Colors

Hex(2C0038)

Have a look what the booklet for
Hex(2C0038) contains.

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Color

Hex(2C0038)

Conversions

Conversions Part 1

Format	Color
Hex	2C0038
RGB	44, 0, 56
RGB Percent	17%, 0%, 22%
CMY	0.8275, 1.0000, 0.7804
CMYK	0.21, 1.00, 0.00, 0.78
HSL	287°, 100%, 11%
HSV	287°, 100%, 22%
XYZ	1.7525, 0.8210, 3.8075
YIQ	19.5400, 8.2480, 26.7440

Conversions

Conversions Part 2

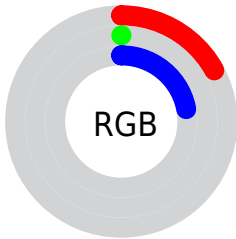
Format	Color
R_{YB}	44, 0, 56
Decimal	2883640
CIE _{Lab}	7.42, 31.16, -25.03
CIE _{LCh}	7, 39.969, 321.228
Yxy	0.8210, 0.2746, 0.1287
Android (android.graphics.Color)	4281073720 (0xFF2C0038)
YUV	19.5400, 17.9748, 21.4514
Hunter-Lab	9.0609, 18.6681, -18.5717

Details

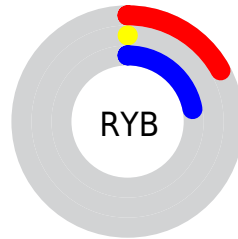
The Hex color **2C0038** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C3800**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5C2E68**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **2C0038**, and if you desaturate by 10%, it is **2D0638**.

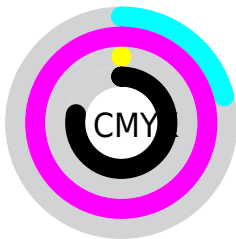
Distribution



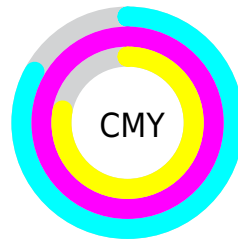
- Red (17%)
- Green (0%)
- Blue (22%)



- Red (17%)
- Yellow (0%)
- Blue (22%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (83%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0038 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 2C0038 by changing the saturation by 10% instead.

 2C0038

 2C0038

 FFE4FF

 160022

 5C2E68

 000008

 764681

 000000

 905E9B

 AB77B6

 C792D2

 E3ACEE

 FFC8FF

 2C0038

■ 2D0638

■ 2E0B38

■ 301138

■ 311638

■ 321C38

■ 332238

■ 342738

■ 362D38

■ 373238

Harmonies

Analogous

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



001349



2C0038



3E001F

Triad

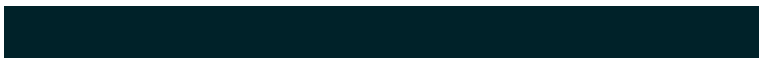
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C0038



241300



002229

Complementary

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



2C0038



0C3800

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.



00210B



2C0038



041B00

Square

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



2C0038



360200



002100



002240

Rectangle

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



2C0038



41000B



002100



002220

Sweetspot

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



2C0038



45344A



000C38



231826



A6A6A6



262626

Same Dimension

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



2C0038



3A004A



380028



1B191C



48005C



AC00DB

Inverse Universe

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



38000C



4A0010



003810



1C191A



5C0014



DB002F

Previews

White Background



This preview shows how the Hex color 2C0038 looks on a white background.

Color Contrast Check

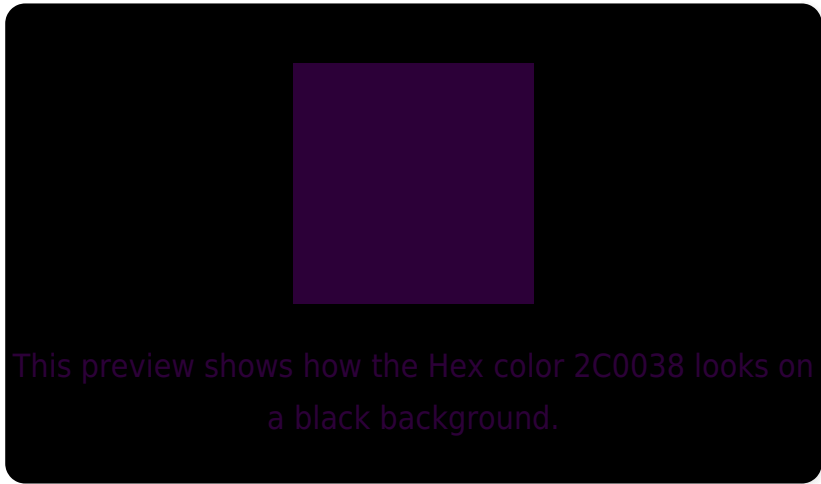
Large Text (above 18pt) WCAG AA ✓ Pass

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

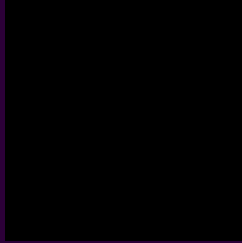
Any Text WCAG AA × Fail

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 2C0038 Background



This preview shows how black text looks on a background with the Hex color 2C0038.



This preview shows how white text looks on a background with the Hex color 2C0038.

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](#).

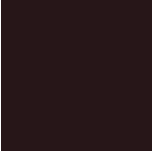
Dichromacy



Original Color
2C0038

Protanopia
001A37

Deuteranopia
001C30



Tritanopia
271618

Trichromacy



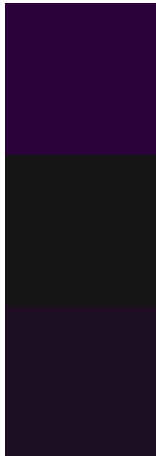
Original Color
2C0038

Protanomaly
101137

Deuteranomaly
101233

Tritanomaly
290E24

Monochromacy



Original Color
2C0038

Achromatopsia
141414

Achromatomaly
1D0D21

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0038 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 #2C0038 looks like.

```
.text, #text, p{  
    color:#2C0038  
}
```

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 #2C0038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0038
}
```

Border

The CSS property to change the border of an element to Hex 2C0038 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
#2C0038 }
```

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

```
.border{ border-color:#2C0038 }
```

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

Here you see how a box with a 4 pixel #2C0038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0038; -webkit-box-shadow:4px 4px  
4px 4px #2C0038; box-shadow:4px 4px 4px  
4px #2C0038 }
```

Background

The CSS property to change the background color of an element to Hex 2C0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0038 }
```

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

```
.background{ background-color:#2C0038 }
```

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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