

Converting Colors

Hex(2C0020)

Have a look what the booklet for
Hex(2C0020) contains.

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Color

Hex(2C0020)

Conversions

Conversions Part 1

Format	Color
Hex	2C0020
RGB	44, 0, 32
RGB Percent	17%, 0%, 13%
CMY	0.8275, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.27, 0.83
HSL	316°, 100%, 9%
HSV	316°, 100%, 17%
XYZ	1.2994, 0.6398, 1.4215
YIQ	16.8040, 15.9520, 19.2800

Conversions

Conversions Part 2

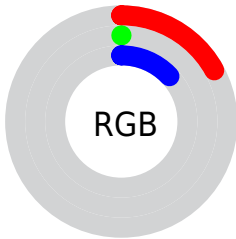
Format	Color
R_YB	44, 0, 32
Decimal	2883616
CIE Lab	5.78, 25.68, -9.54
CIE LCh	6, 27.398, 339.615
Yxy	0.6398, 0.3867, 0.1904
Android (android.graphics.Color)	4281073696 (0xFF2C0020)
YUV	16.8040, 7.4916, 23.8509
Hunter-Lab	7.9985, 15.0014, -4.9381

Details

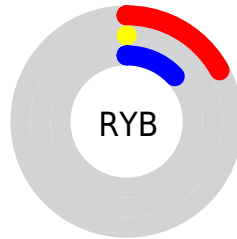
The Hex color **2C0020** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002C0C**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5C2D4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C0020**, and if you desaturate by 10%, it is **2C0421**.

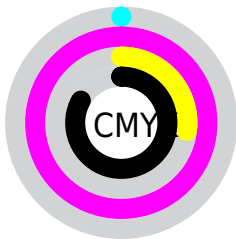
Distribution



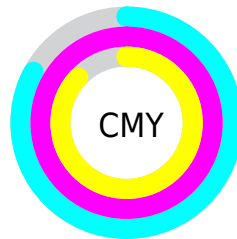
- Red (17%)
- Green (0%)
- Blue (13%)



- Red (17%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (83%)



- Cyan (83%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0020 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 2C0020 by changing the saturation by 10% instead.

 2C0020

 2C0020

 FFE2FF

 100006

 5C2D4C

 000000

 754564

 8F5D7D

 AA7697

 C690B1

 E2ABCD

 FFC6E9

 2C0020

■ 2C0421

■ 2C0922

■ 2C0D24

■ 2C1225

■ 2C1626

■ 2C1A27

■ 2C1F28

■ 2C232A

■ 2C282B

Harmonies

Analogous

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



1A0A2F



2C0020



32000B

Triad

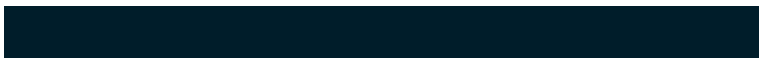
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C0020



121400



001D2A

Complementary

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



2C0020



002C0C

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.



001D19



2C0020



001A00

Square

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



2C0020



240D00



001D00



001935

Rectangle

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



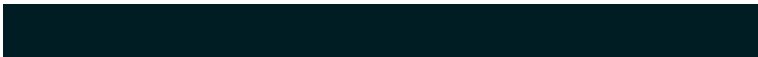
2C0020



310000



001D00



001D24

Sweetspot

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



2C0020



382734



0C002C



1C1219



9C9C9C



1C1C1C

Same Dimension

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



2C0020



380029



2C000A



171516



57003F



D6009C

Inverse Universe

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



2C0020



380029



002C22



171516



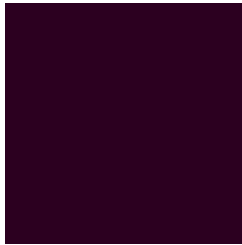
57003F



D6009C

Previews

White Background



This preview shows how the Hex color 2C0020 looks on a white background.

Color Contrast Check

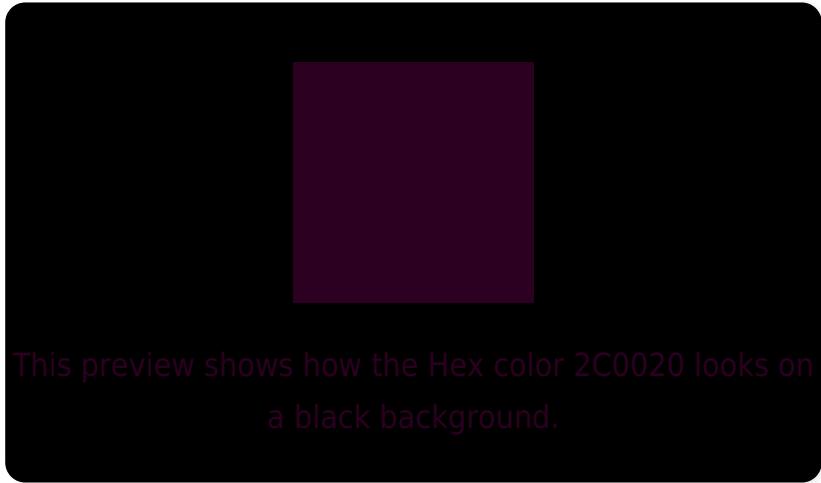
Large Text (above 18pt) WCAG AA ✓ Pass

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

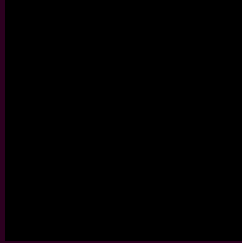
Any Text WCAG AA × Fail

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 2C0020 Background



This preview shows how black text looks on a background with the Hex color 2C0020.



This preview shows how white text looks on a background with the Hex color 2C0020.

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](#).

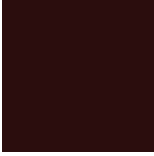
Dichromacy



Original Color
2C0020

Protanopia
0B172E

Deuteranopia
17171E



Tritanopia
2B0D0D

Trichromacy



Original Color
2C0020

Protanomaly
170F29

Deuteranomaly
1F0F1F

Tritanomaly
2B0814

Monochromacy



Original Color
2C0020

Achromatopsia
111111

Achromatomaly
1B0B16

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0020 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 #2C0020 looks like.

```
.text, #text, p{  
    color:#2C0020  
}
```

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 #2C0020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0020
}
```

Border

The CSS property to change the border of an element to Hex 2C0020 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
#2C0020 }
```

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

```
.border{ border-color:#2C0020 }
```

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

Here you see how a box with a 4 pixel #2C0020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0020; -webkit-box-shadow:4px 4px  
4px 4px #2C0020; box-shadow:4px 4px 4px  
4px #2C0020 }
```

Background

The CSS property to change the background color of an element to Hex 2C0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0020 }
```

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

```
.background{ background-color:#2C0020 }
```

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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