

Converting Colors

Hex(2F0200)

Have a look what the booklet for
Hex(2F0200) contains.

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Color

Hex(2F0200)

Conversions

Conversions Part 1

Format	Color
Hex	2F0200
RGB	47, 2, 0
RGB Percent	18%, 1%, 0%
CMY	0.8157, 0.9922, 1.0000
CMYK	0.00, 0.96, 1.00, 0.82
HSL	3°, 100%, 9%
HSV	3°, 100%, 18%
XYZ	1.1940, 0.6478, 0.0621
YIQ	15.2270, 27.4620, 8.9180

Conversions

Conversions Part 2

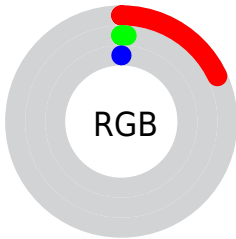
Format	Color
RYB	47, 2, 0
Decimal	3080704
CIELab	5.85, 22.05, 9.20
CIELCh	6, 23.889, 22.651
Yxy	0.6478, 0.6271, 0.3402
Android (android.graphics.Color)	4281270784 (0xFF2F0200)
YUV	15.2270, -7.5069, 27.8649
Hunter-Lab	8.0483, 12.3966, 5.1764

Details

The Hex color **2F0200** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002D2F**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5F2F30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0200**, and if you desaturate by 10%, it is **2F0705**.

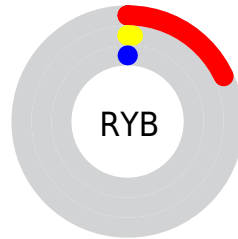
Distribution



Red (18%)

Green (1%)

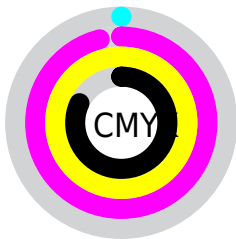
Blue (0%)



Red (18%)

Yellow (1%)

Blue (0%)

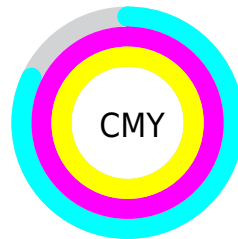


Cyan (0%)

Magenta (96%)

Yellow (100%)

Black (82%)



Cyan (82%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0200 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 2F0200 by changing the saturation by 10% instead.

 2F0200

 2F0200

 FFE4E2

 0B0000

 5F2F30

 000000

 794647

 945E5E

 B07777

 CC9190

 E8ACAB

 FFC7C6

 2F0200

■ 2F0705

■ 2F0B09

■ 2F100E

■ 2F1413

■ 2F1918

■ 2F1D1C

■ 2F2221

■ 2F2626

■ 2F2B2A

Harmonies

Analogous

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



2D0218



2F0200



280900

Triad

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



2F0200



001B00



001632

Complementary

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



2F0200



002D2F

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.



001A2C



2F0200



001D0D

Square

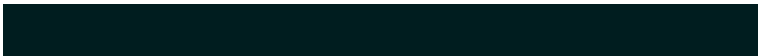
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2F0200



091700



001D1F



091030

Rectangle

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



2F0200



220E00



001D1F



001831

Sweetspot

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



2F0200



3D2C2B



2F002D



1F1414



9E9E9E



1F1F1F

Same Dimension

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



2F0200



3D0300



2F1900



171515



570400



D60900

Inverse Universe

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



002D2F



003B3D



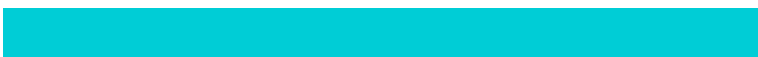
00162F



151717



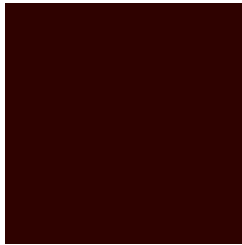
005357



00CDD6

Previews

White Background



This preview shows how the Hex color 2F0200 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

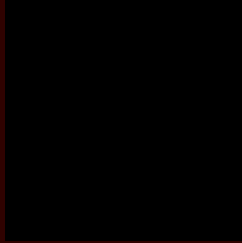
Any Text WCAG AA × Fail

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 2F0200 Background



This preview shows how black text looks on a background with the Hex color 2F0200.

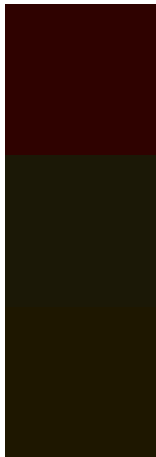


This preview shows how white text looks on a background with the Hex color 2F0200.

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](#).

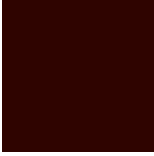
Dichromacy



Original Color
2F0200

Protanopia
1B1806

Deuteranopia
1E1700



Tritanopia
2F0400

Trichromacy



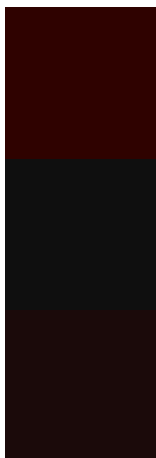
Original Color
2F0200

Protanomaly
221004

Deuteranomaly
240F00

Tritanomaly
2F0300

Monochromacy



Original Color
2F0200

Achromatopsia
0F0F0F

Achromatomaly
1B0A0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0200 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 #2F0200 looks like.

```
.text, #text, p{  
    color:#2F0200  
}
```

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 #2F0200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0200  
}
```

Border

The CSS property to change the border of an element to Hex 2F0200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

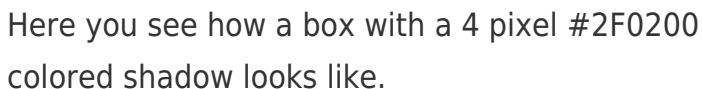
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2F0200 }
```

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

```
.border{ border-color:#2F0200 }
```

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



Here you see how a box with a 4 pixel #2F0200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0200; -webkit-box-shadow:4px 4px  
4px 4px #2F0200; box-shadow:4px 4px 4px  
4px #2F0200 }
```

Background

The CSS property to change the background color of an element to Hex 2F0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0200 }
```

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

```
.background{ background-color:#2F0200 }
```

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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