

Converting Colors

Hex(2C0C2F)

Have a look what the booklet for
Hex(2C0C2F) contains.

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Color

Hex(2C0C2F)

Conversions

Conversions Part 1

Format	Color
Hex	2C0C2F
RGB	44, 12, 47
RGB Percent	17%, 5%, 18%
CMY	0.8275, 0.9529, 0.8157
CMYK	0.06, 0.74, 0.00, 0.82
HSL	295°, 59%, 12%
HSV	295°, 74%, 18%
XYZ	1.6833, 1.0037, 2.7943
YIQ	25.5580, 7.8370, 17.6690

Conversions

Conversions Part 2

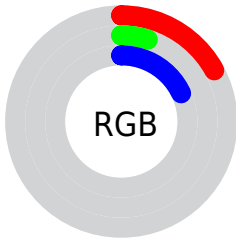
Format	Color
RYB	44, 12, 47
Decimal	2886703
CIELab	9.02, 22.48, -15.85
CIELCh	9, 27.504, 324.805
Yxy	1.0037, 0.3071, 0.1831
Android (android.graphics.Color)	4281076783 (0xFF2C0C2F)
YUV	25.5580, 10.5709, 16.1736
Hunter-Lab	10.0182, 12.4597, -9.5246

Details

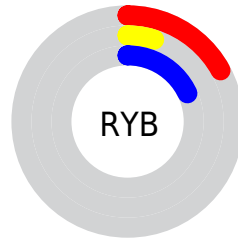
The Hex color **2C0C2F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F2F0C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5B385D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C072F**, and if you desaturate by 10%, it is **2C112F**.

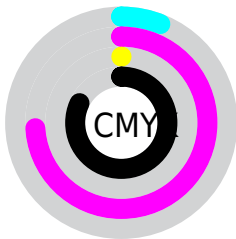
Distribution



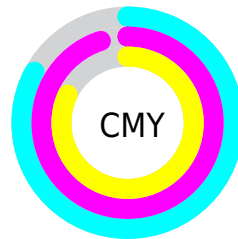
- Red (17%)
- Green (5%)
- Blue (18%)



- Red (17%)
- Yellow (5%)
- Blue (18%)



- Cyan (6%)
- Magenta (74%)
- Yellow (0%)
- Black (82%)



- Cyan (83%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0C2F 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 2C0C2F by changing the saturation by 10% instead.

 2C0C2F

 2C0C2F

 FFEEFF

 19001B

 5B385D

 000000

 744F76

 8E6890

 A981AA

 C49BC5

 E0B6E1

 FDD2FE

 2C0C2F

 2C0C2F

■ 2C072F

■ 2C112F

■ 2B032F

■ 2D152F

■ 2B002F

■ 2D1A2F

■ 2E1F2F

■ 2E242F

■ 2E282F

■ 2F2D2F

■ 2F322F

■ 30362F

Harmonies

Analogous

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



10163B



2C0C2F



38041E

Triad

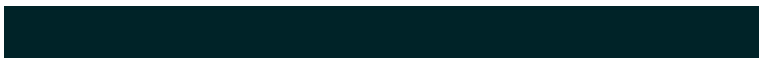
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C0C2F



241800



002328

Complementary

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



2C0C2F



0F2F0C

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.



002316



2C0C2F



121D00

Square

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



2C0C2F



310F00



002100



002138

Rectangle

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



2C0C2F



390410



002100



002322

Sweetspot

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



2C0C2F



3C303D



0C0F2F



1E171F



9E9E9E



1F1F1F

Same Dimension

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



2C0C2F



39073D



2F0C21



171517



4F0057



C400D6

Inverse Universe

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



2F0C0F



3D070B



0C2F1A



171515



570007



D60012

Previews

White Background



This preview shows how the Hex color 2C0C2F looks on a white background.

Color Contrast Check

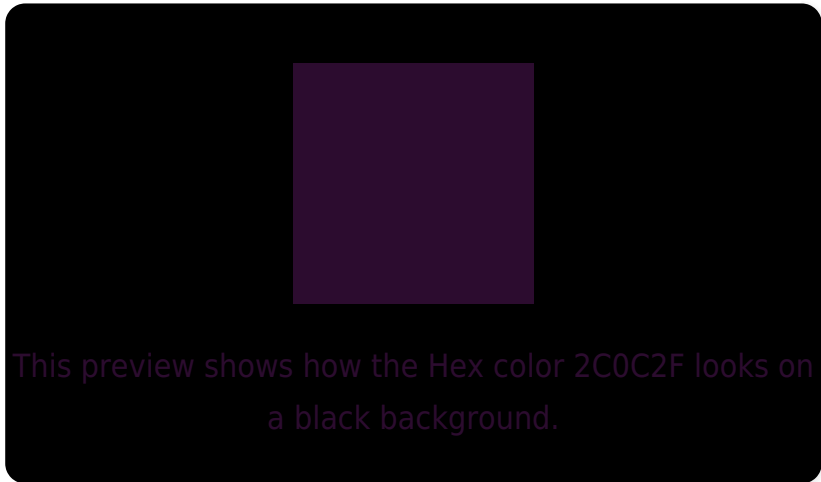
Large Text (above 18pt) WCAG AA ✓ Pass

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

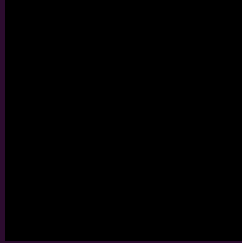
Any Text WCAG AA × Fail

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 2C0C2F Background



This preview shows how black text looks on a background with the Hex color 2C0C2F.



This preview shows how white text looks on a background with the Hex color 2C0C2F.

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
2C0C2F

Protanopia
001A38

Deuteranopia
101B2D



Tritanopia
291516

Trichromacy



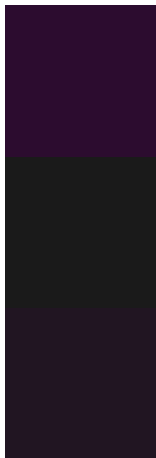
Original Color
2C0C2F

Protanomaly
101535

Deuteranomaly
1A162E

Tritanomaly
2A121F

Monochromacy



Original Color
2C0C2F

Achromatopsia
1A1A1A

Achromatomaly
211522

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0C2F 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 #2C0C2F looks like.

```
.text, #text, p{  
    color:#2C0C2F  
}
```

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 #2C0C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0C2F
}
```

Border

The CSS property to change the border of an element to Hex 2C0C2F 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
#2C0C2F }
```

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

```
.border{ border-color:#2C0C2F }
```

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

Here you see how a box with a 4 pixel #2C0C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0C2F; -webkit-box-shadow:4px 4px  
4px 4px #2C0C2F; box-shadow:4px 4px 4px  
4px #2C0C2F }
```

Background

The CSS property to change the background color of an element to Hex 2C0C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0C2F }
```

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

```
.background{ background-color:#2C0C2F }
```

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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