

Converting Colors

Hex(020C2D)

Have a look what the booklet for
Hex(020C2D) contains.

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Color

Hex(020C2D)

Conversions

Conversions Part 1

Format	Color
Hex	020C2D
RGB	2, 12, 45
RGB Percent	1%, 5%, 18%
CMY	0.9922, 0.9529, 0.8235
CMYK	0.96, 0.73, 0.00, 0.82
HSL	226°, 91%, 9%
HSV	226°, 96%, 18%
XYZ	0.6302, 0.4653, 2.5392
YIQ	12.7720, -16.5530, 8.1430

Conversions

Conversions Part 2

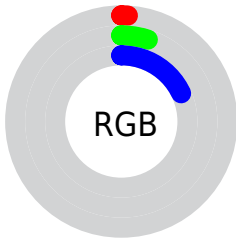
Format	Color
RYB	2, 10, 45
Decimal	134189
CIELab	4.20, 7.70, -22.31
CIELCh	4, 23.598, 289.036
Yxy	0.4653, 0.1734, 0.1280
Android (android.graphics.Color)	4278324269 (0xFF020C2D)
YUV	12.7720, 15.8884, -9.4470
Hunter-Lab	6.8214, 4.5525, -17.2955

Details

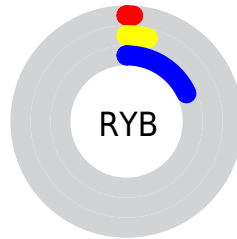
The Hex color **020C2D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2D2302**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **30375B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000A2D**, and if you desaturate by 10%, it is **060F2D**.

Distribution



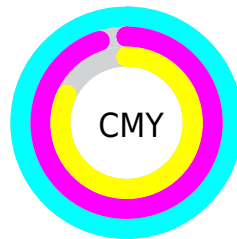
- Red (1%)
- Green (5%)
- Blue (18%)



- Red (1%)
- Yellow (4%)
- Blue (18%)



- Cyan (96%)
- Magenta (73%)
- Yellow (0%)
- Black (82%)



- Cyan (99%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020C2D 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 020C2D by changing the saturation by 10% instead.

■ 020C2D

■ 020C2D

■ E8EBFF

■ 000118

■ 30375B

■ 000000

■ 484E74

■ 61668D

■ 7A7FA8

■ 9599C3

■ B0B4DF

■ CBCFFC

■ 020C2D

■ 020C2D

■ 000A2D

■ 060F2D

■ 0B132D

■ 10162D

■ 141A2D

■ 191D2D

■ 1D212D

■ 22242D

■ 26282D

■ 2B2B2D

Harmonies

Analogous

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



00132E



020C2D



1E0324

Triad

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



020C2D



260300



001704

Complementary

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



020C2D



2D2302

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.



001700



020C2D



1B0B00

Square

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



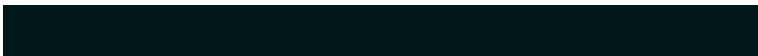
020C2D



2C0000



041200



00181A

Rectangle

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



020C2D



26001B



041200



001700

Sweetspot

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



020C2D



2A2E3B



022D23



14161F



9E9E9E



1F1F1F

Same Dimension

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



020C2D



000E3B



0D022D



151517



001457



0032D6

Inverse Universe

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



2D020C



3B000E



222D02



171515



570014



D60032

Previews

White Background



This preview shows how the Hex color 020C2D looks on a white background.

Color Contrast Check

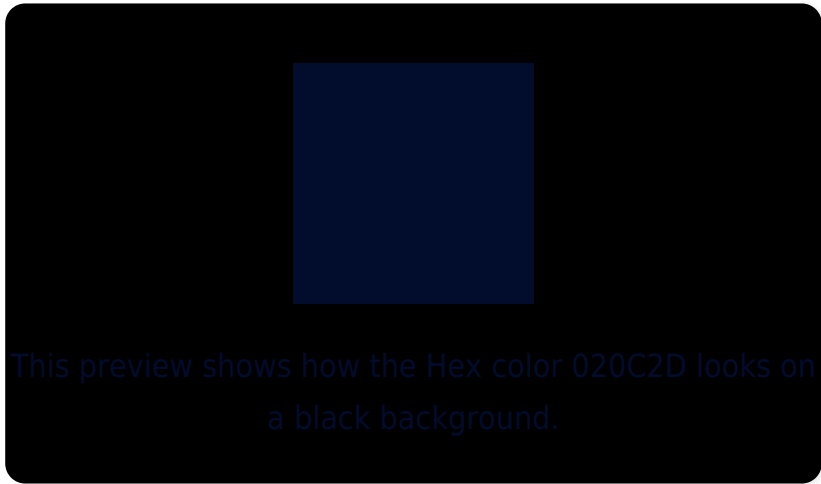
Large Text (above 18pt) WCAG AA ✓ Pass

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

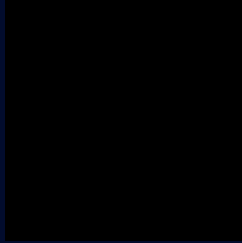
Any Text WCAG AA × Fail

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 020C2D Background



This preview shows how black text looks on a background with the Hex color 020C2D.



This preview shows how white text looks on a background with the Hex color 020C2D.

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
020C2D

Protanopia
001022

Deuteranopia
00111D



Tritanopia
001213

Trichromacy



Original Color

020C2D

Protanomaly

010F26

Deuteranomaly

010F23

Tritanomaly

01101C

Monochromacy



Original Color

020C2D

Achromatopsia

0D0D0D

Achromatomaly

090D19

CSS Examples

Text

The CSS property to change the color of the text to Hex 020C2D 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 #020C2D looks like.

```
.text, #text, p{  
    color:#020C2D  
}
```

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 #020C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020C2D
}
```

Border

The CSS property to change the border of an element to Hex 020C2D 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
#020C2D }
```

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

```
.border{ border-color:#020C2D }
```

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

Here you see how a box with a 4 pixel #020C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020C2D; -webkit-box-shadow:4px 4px  
4px 4px #020C2D; box-shadow:4px 4px 4px  
4px #020C2D }
```

Background

The CSS property to change the background color of an element to Hex 020C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020C2D }
```

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

```
.background{ background-color:#020C2D }
```

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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