

Converting Colors

Hex(020D1B)

Have a look what the booklet for
Hex(020D1B) contains.

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Color

Hex(020D1B)

Conversions

Conversions Part 1

Format	Color
Hex	020D1B
RGB	2, 13, 27
RGB Percent	1%, 5%, 11%
CMY	0.9922, 0.9490, 0.8941
CMYK	0.93, 0.52, 0.00, 0.89
HSL	214°, 86%, 6%
HSV	214°, 93%, 11%
XYZ	0.3668, 0.3799, 1.0909
YIQ	11.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

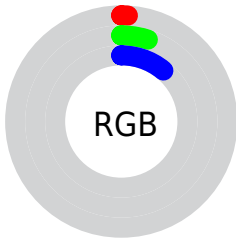
Format	Color
RYB	2, 10, 27
Decimal	134427
CIELab	3.43, 0.23, -9.61
CIELCh	3, 9.616, 271.396
Yxy	0.3799, 0.1996, 0.2067
Android (android.graphics.Color)	4278324507 (0xFF020D1B)
YUV	11.3070, 7.7366, -8.1622
Hunter-Lab	6.1635, -0.1636, -6.1796

Details

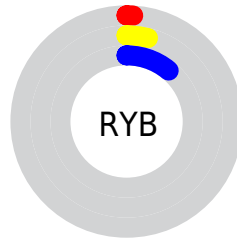
The Hex color **020D1B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B1002**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **303846**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000C1B**, and if you desaturate by 10%, it is **050F1B**.

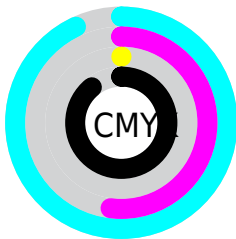
Distribution



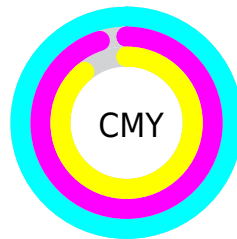
- Red (1%)
- Green (5%)
- Blue (11%)



- Red (1%)
- Yellow (4%)
- Blue (11%)



- Cyan (93%)
- Magenta (52%)
- Yellow (0%)
- Black (89%)



- Cyan (99%)
- Magenta (95%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020D1B 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 020D1B by changing the saturation by 10% instead.

■ 020D1B

■ 020D1B

■ E3EDFE

■ 000000

■ 303846

■ 474F5E

■ 5E6776

■ 778090

■ 919AAA

■ ACB5C6

■ C7D0E2

■ 020D1B

■ 020D1B

■ 000C1B

■ 050F1B

■ 07101B

■ 0A121B

■ 0D131B

■ 10151B

■ 12161B

■ 15181B

■ 18191B

■ 1A1B1B

Harmonies

Analogous

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



001019



020D1B



0F0919

Triad

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



020D1B



1D0601



001101

Complementary

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



020D1B



1B1002

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.



060F00



020D1B



190800

Square

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



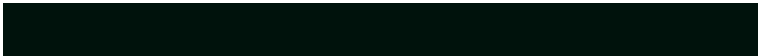
020D1B



1C050C



110C00



00120C

Rectangle

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



020D1B



150717



110C00



001100

Sweetspot

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



020D1B



1A1E24



021B10



0C0E12



919191



121212

Same Dimension

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



020D1B



001024



03021B



0B0C0D



00224D



005ACC

Inverse Universe

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



1B020D



240010



1A1B02



0D0B0C



4D0022



CC005A

Previews

White Background



This preview shows how the Hex color 020D1B looks on a white background.

Color Contrast Check

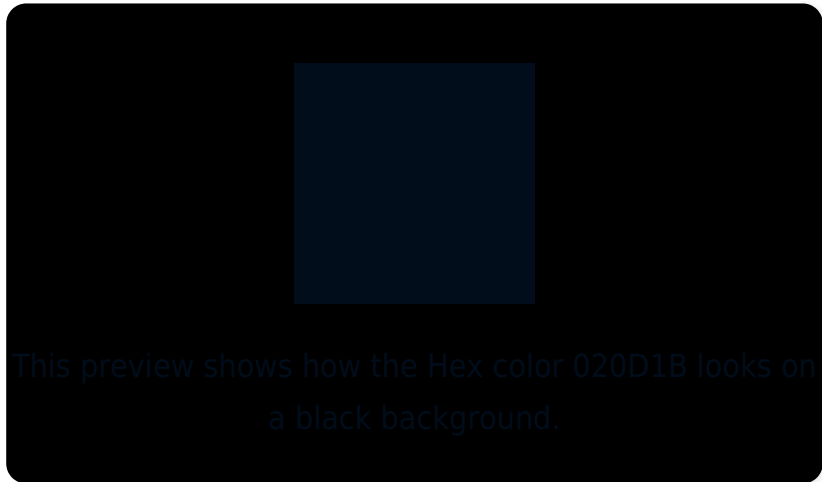
Large Text (above 18pt) WCAG AA ✓ Pass

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

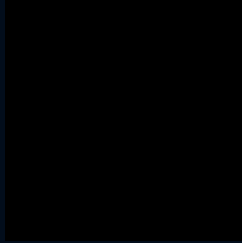
Any Text WCAG AA × Fail

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 020D1B Background



This preview shows how black text looks on a background with the Hex color 020D1B.



This preview shows how white text looks on a background with the Hex color 020D1B.

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

020D1B

Protanopia

040D1B

Deuteranopia

000E18



Tritanopia
000F10

Trichromacy



Original Color
020D1B

Protanomaly
030D1B

Deuteranomaly
010E19

Tritanomaly
010E14

Monochromacy



Original Color
020D1B

Achromatopsia
0B0B0B

Achromatomaly
080C11

CSS Examples

Text

The CSS property to change the color of the text to Hex 020D1B 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 #020D1B looks like.

```
.text, #text, p{  
    color:#020D1B  
}
```

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 #020D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020D1B
}
```

Border

The CSS property to change the border of an element to Hex 020D1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

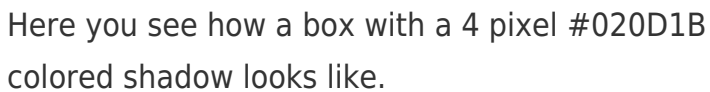
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#020D1B }
```

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

```
.border{ border-color:#020D1B }
```

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



Here you see how a box with a 4 pixel #020D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020D1B; -webkit-box-shadow:4px 4px  
4px 4px #020D1B; box-shadow:4px 4px 4px  
4px #020D1B }
```

Background

The CSS property to change the background color of an element to Hex 020D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020D1B }
```

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

```
.background{ background-color:#020D1B }
```

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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