

Converting Colors

Hex(020B02)

Have a look what the booklet for
Hex(020B02) contains.

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Color

Hex(020B02)

Conversions

Conversions Part 1

Format	Color
Hex	020B02
RGB	2, 11, 2
RGB Percent	1%, 4%, 1%
CMY	0.9922, 0.9569, 0.9922
CMYK	0.82, 0.00, 0.82, 0.96
HSL	120°, 69%, 3%
HSV	120°, 82%, 4%
XYZ	0.1557, 0.2566, 0.0988
YIQ	7.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

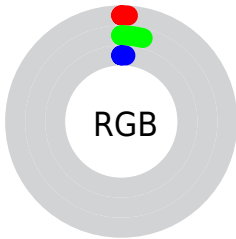
Format	Color
RYB	2, 11, 11
Decimal	133890
CIELab	2.32, -3.62, 2.58
CIELCh	2, 4.444, 144.444
Yxy	0.2566, 0.3046, 0.5022
Android (android.graphics.Color)	4278323970 (0xFF020B02)
YUV	7.2830, -2.6045, -4.6332
Hunter-Lab	5.0659, -3.3804, 2.3902

Details

The Hex color **020B02** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B020B**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **313731**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **010B01**, and if you desaturate by 10%, it is **030B03**.

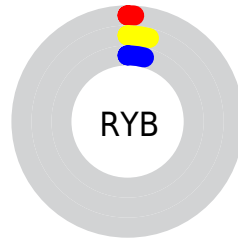
Distribution



Red (1%)

Green (4%)

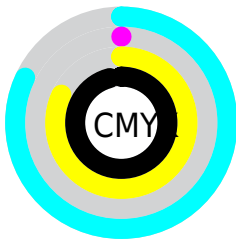
Blue (1%)



Red (1%)

Yellow (4%)

Blue (4%)

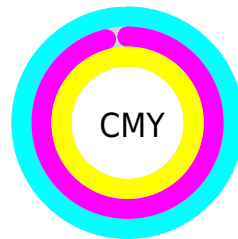


Cyan (82%)

Magenta (0%)

Yellow (82%)

Black (96%)



Cyan (99%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020B02 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 020B02 by changing the saturation by 10% instead.

■ 020B02

■ 020B02

■ E4EBE4

■ 000000

■ 313731

■ 484E48

■ 5F6660

■ 787F78

■ 929892

■ ACB3AC

■ C8CFC8

■ 020B02

■ 020B02

■ 010B01

■ 030B03

■ 000B00

■ 040B04

■ 050B05

■ 060B06

■ 070B07

■ 090B09

■ 0A0B0A

■ 0B0B0B

■ 0C0B0C

Harmonies

Analogous

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



080A00



020B02



000C07

Triad

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



020B02



020912



130504

Complementary

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



020B02



0B020B

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.



12050A



020B02



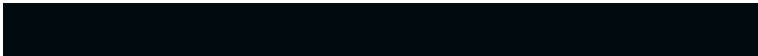
090711

Square

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



020B02



000B10



0E060E



120600

Rectangle

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



020B02



000C0B



0E060E



130506

Sweetspot

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



020B02



0B0F0B



0B0B02



050805



878787



080808

Same Dimension

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



020B02



000F00



020B06



050505



004500



00C400

Inverse Universe

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



0B020B



0F000F



0B0206



050505



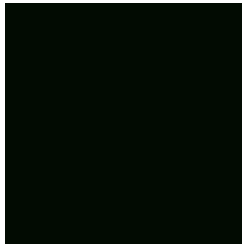
450045



C400C4

Previews

White Background



This preview shows how the Hex color 020B02 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

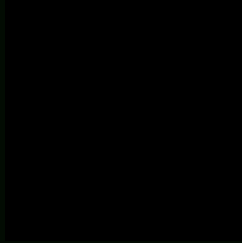
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

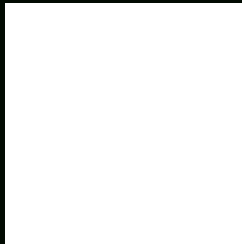
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 020B02 Background



This preview shows how black text looks on a background with the Hex color 020B02.



This preview shows how white text looks on a background with the Hex color 020B02.

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](#).

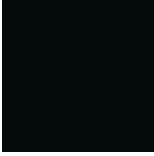
Dichromacy



Original Color
020B02

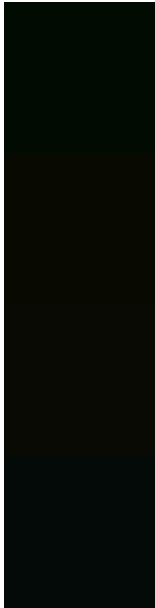
Protanopia
0B0902

Deuteranopia
0C0903



Tritanopia
050A0B

Trichromacy



Original Color
020B02

Protanomaly
080A02

Deuteranomaly
080A03

Tritanomaly
040A08

Monochromacy



Original Color
020B02

Achromatopsia
070707

Achromatomaly
050805

CSS Examples

Text

The CSS property to change the color of the text to Hex 020B02 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 #020B02 looks like.

```
.text, #text, p{  
    color:#020B02  
}
```

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 #020B02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020B02
}
```

Border

The CSS property to change the border of an element to Hex 020B02 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".

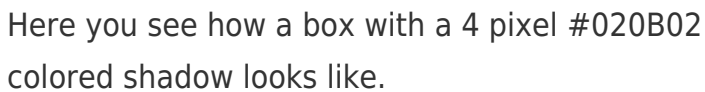
```
.border, #border, table{ border:4px solid
#020B02 }
```

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

```
.border{ border-color:#020B02 }
```

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

Here you see how a box with a 4 pixel #020B02 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020B02; -webkit-box-shadow:4px 4px  
4px 4px #020B02; box-shadow:4px 4px 4px  
4px #020B02 }
```

Background

The CSS property to change the background color of an element to Hex 020B02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020B02 }
```

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

```
.background{ background-color:#020B02 }
```

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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