

Converting Colors

Hex(020C0B)

Have a look what the booklet for
Hex(020C0B) contains.

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Color

Hex(020C0B)

Conversions

Conversions Part 1

Format	Color
Hex	020C0B
RGB	2, 12, 11
RGB Percent	1%, 5%, 4%
CMY	0.9922, 0.9529, 0.9569
CMYK	0.83, 0.00, 0.08, 0.95
HSL	174°, 71%, 3%
HSV	174°, 83%, 5%
XYZ	0.2169, 0.3000, 0.3631
YIQ	8.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

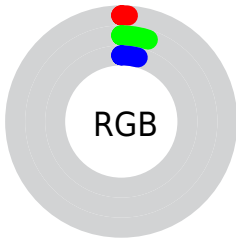
Format	Color
RYB	2, 7, 12
Decimal	134155
CIELab	2.71, -2.80, -0.52
CIELCh	3, 2.844, 190.557
Yxy	0.3000, 0.2465, 0.3409
Android (android.graphics.Color)	4278324235 (0xFF020C0B)
YUV	8.8960, 1.0373, -6.0478
Hunter-Lab	5.4773, -2.5164, -0.0961

Details

The Hex color **020C0B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C0203**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **313837**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **010C0B**, and if you desaturate by 10%, it is **030C0B**.

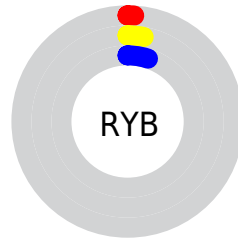
Distribution



Red (1%)

Green (5%)

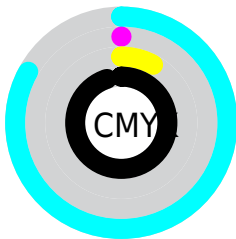
Blue (4%)



Red (1%)

Yellow (3%)

Blue (5%)

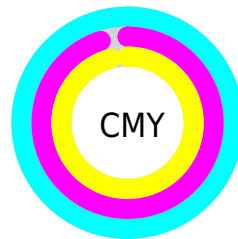


Cyan (83%)

Magenta (0%)

Yellow (8%)

Black (95%)



Cyan (99%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020C0B 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 020C0B by changing the saturation by 10% instead.

■ 020C0B

■ 020C0B

■ E4ECEB

■ 000000

■ 313837

■ 484E4E

■ 5F6666

■ 787F7F

■ 929998

■ ACB4B3

■ C8D0CF

■ 020C0B

■ 020C0B

■ 010C0B

■ 030C0B

■ 000C0B

■ 040C0B

■ 060C0B

■ 070C0B

■ 080C0C

■ 090C0C

■ 0A0C0C

■ 0C0C0C

■ 0D0C0C

Harmonies

Analogous

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



040C07



020C0B



020C0E

Triad

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



020C0B



0C090F



0F0903

Complementary

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



020C0B



0C0203

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.



100805



020C0B



0F080C

Square

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



020C0B



080A10



110809



0C0A03

Rectangle

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



020C0B



030B0F



110809



0F0904

Sweetspot

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



020C0B



0B0F0F



030C02



050807



878787



080808

Same Dimension

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



020C0B



000F0E



02080C



050505



00453E



00C4B1

Inverse Universe

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



0C0203



0F0002



0C0602



050505



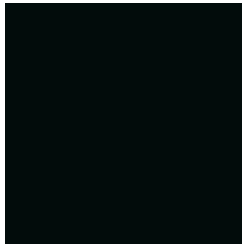
450007



C40014

Previews

White Background



This preview shows how the Hex color 020C0B looks on a white background.

Color Contrast Check

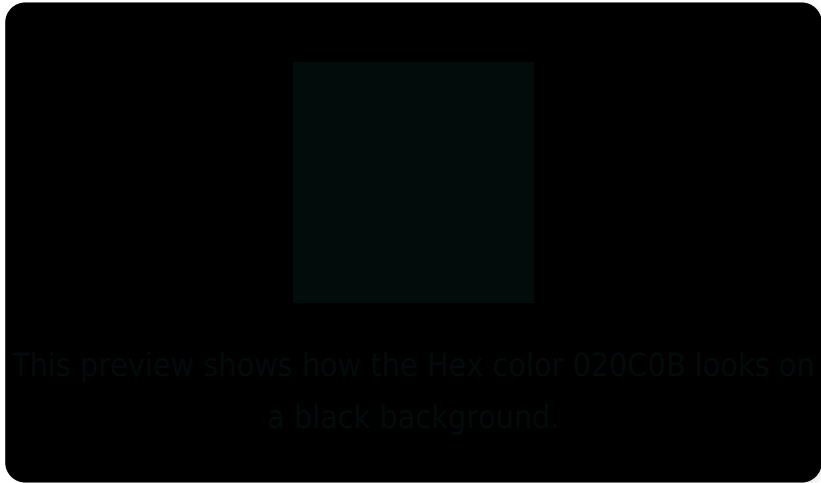
Large Text (above 18pt) WCAG AA ✓ Pass

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

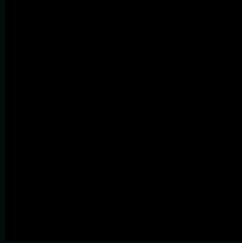
Any Text WCAG AA × Fail

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 020C0B Background



This preview shows how black text looks on a background with the Hex color 020C0B.

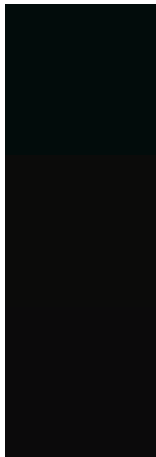


This preview shows how white text looks on a background with the Hex color 020C0B.

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
020C0B

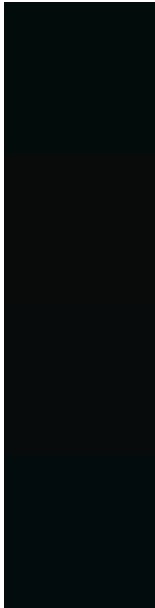
Protanopia
0B0B0A

Deuteranopia
0B0A0B



Tritanopia
030C0D

Trichromacy



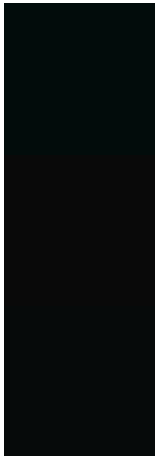
Original Color
020C0B

Protanomaly
080B0A

Deuteranomaly
080B0B

Tritanomaly
030C0C

Monochromacy



Original Color
020C0B

Achromatopsia
090909

Achromatomaly
060A0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 020C0B 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 #020C0B looks like.

```
.text, #text, p{  
    color:#020C0B  
}
```

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 #020C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020C0B
}
```

Border

The CSS property to change the border of an element to Hex 020C0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

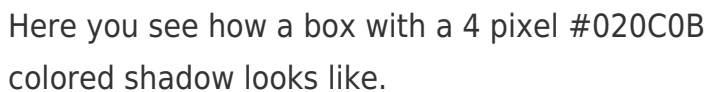
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#020C0B }
```

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

```
.border{ border-color:#020C0B }
```

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



Here you see how a box with a 4 pixel #020C0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020C0B; -webkit-box-shadow:4px 4px  
4px 4px #020C0B; box-shadow:4px 4px 4px  
4px #020C0B }
```

Background

The CSS property to change the background color of an element to Hex 020C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020C0B }
```

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

```
.background{ background-color:#020C0B }
```

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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