

Converting Colors

Hex(020201)

Have a look what the booklet for
Hex(020201) contains.

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Color

Hex(020201)

Conversions

Conversions Part 1

Format	Color
Hex	020201
RGB	2, 2, 1
RGB Percent	1%, 1%, 0%
CMY	0.9922, 0.9922, 0.9961
CMYK	0.00, 0.00, 0.50, 0.99
HSL	60°, 33%, 1%
HSV	60°, 50%, 1%
XYZ	0.0522, 0.0585, 0.0373
YIQ	1.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
RYB	1, 2, 1
Decimal	131585
CIELab	0.53, -0.14, 0.38
CIELCh	1, 0.403, 110.175
Yxy	0.0585, 0.3529, 0.3954
Android (android.graphics.Color)	4278321665 (0xFF020201)
YUV	1.8860, -0.4368, 0.1000
Hunter-Lab	2.4190, -0.3796, 0.7801

Details

The Hex color **020201** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **010102**, and the grayscale version is **020202**.

A 20% lighter version of the original color is **313131**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **020201**, and if you desaturate by 10%, it is **020201**.

Distribution



Red (1%)

Green (1%)

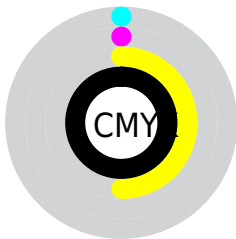
Blue (0%)



Red (0%)

Yellow (1%)

Blue (0%)



Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (99%)



Cyan (99%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020201 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 020201 by changing the saturation by 10% instead.

■ 020201

■ 020201

■ E4E4E3

■ 000000

■ 313131

■ 484847

■ 60605F

■ 787878

■ 929291

■ ADADAC

■ C8C8C7

■ 020201

■ 020201

■ 020200

■ 020202

■ 020203

Harmonies

Analogous

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



030201



020201



010201

Triad

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



020201



010203



030202

Complementary

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



020201



010102

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.



020203



020201



010203

Square

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



020201



010202



020203



030202

Rectangle

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



020201



010202



020203



030202

Sweetspot

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



020201



030302



020101



828282



030303

Same Dimension

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



020201



030301



000000



404000



BFBF00

Inverse Universe

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



010102



010103



020102



000000



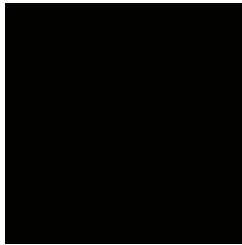
000040



0000BF

Previews

White Background



This preview shows how the Hex color 020201 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

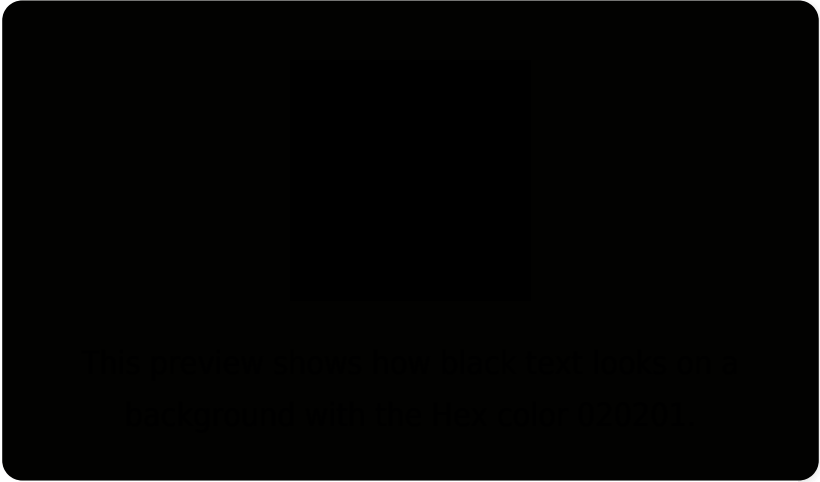
Any Text WCAG AA × Fail

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](#).

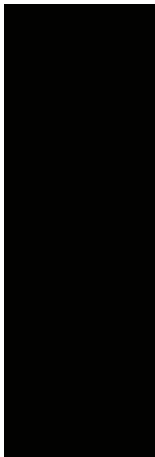
Hex 020201 Background



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

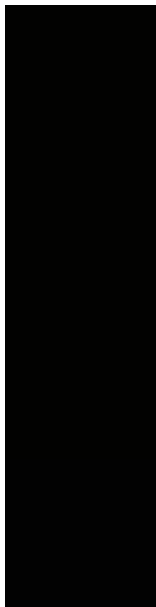


Original Color
020201

Protanopia
020201

Deuteranopia
020201

Trichromacy



Original Color

020201

Protanomaly

020201

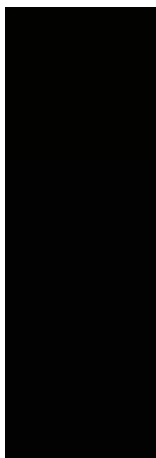
Deuteranomaly

020201

Tritanomaly

020202

Monochromacy



Original Color

020201

Achromatopsia

020202

Achromatomaly

020202

CSS Examples

Text

The CSS property to change the color of the text to Hex 020201 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 #020201 looks like.

```
.text, #text, p{  
    color:#020201  
}
```

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 #020201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020201
}
```

Border

The CSS property to change the border of an element to Hex 020201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

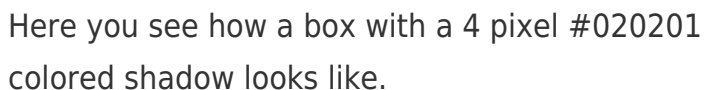
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#020201 }
```

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

```
.border{ border-color:#020201 }
```

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



Here you see how a box with a 4 pixel #020201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020201; -webkit-box-shadow:4px 4px  
4px 4px #020201; box-shadow:4px 4px 4px  
4px #020201 }
```

Background

The CSS property to change the background color of an element to Hex 020201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020201 }
```

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

```
.background{ background-color:#020201 }
```

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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