

Converting Colors

Hex(020701)

Have a look what the booklet for
Hex(020701) contains.

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Color

Hex(020701)

Conversions

Conversions Part 1

Format	Color
Hex	020701
RGB	2, 7, 1
RGB Percent	1%, 3%, 0%
CMY	0.9922, 0.9725, 0.9961
CMYK	0.71, 0.00, 0.86, 0.97
HSL	110°, 75%, 2%
HSV	110°, 86%, 3%
XYZ	0.1065, 0.1671, 0.0553
YIQ	4.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

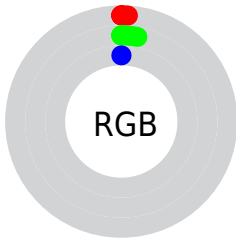
Format	Color
RYB	1, 7, 6
Decimal	132865
CIELab	1.51, -2.14, 1.81
CIElCh	2, 2.804, 139.801
Yxy	0.1671, 0.3238, 0.5079
Android (android.graphics.Color)	4278322945 (0xFF020701)
YUV	4.8210, -1.8838, -2.4740
Hunter-Lab	4.0872, -2.5019, 2.0582

Details

The Hex color **020701** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **060107**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **313431**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **010700**, and if you desaturate by 10%, it is **030702**.

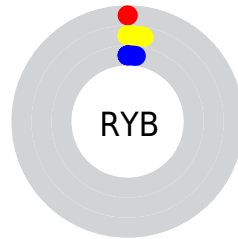
Distribution



Red (1%)

Green (3%)

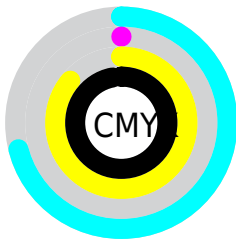
Blue (0%)



Red (0%)

Yellow (3%)

Blue (2%)

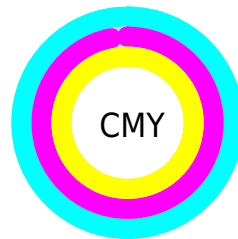


Cyan (71%)

Magenta (0%)

Yellow (86%)

Black (97%)



Cyan (99%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020701 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 020701 by changing the saturation by 10% instead.

■ 020701

■ 020701

■ E4E8E3

■ 000000

■ 313431

■ 484B47

■ 60635F

■ 787C78

■ 929691

■ ADB0AC

■ C8CCC7

■ 020701

■ 020701

■ 010700

■ 030702

■ 040703

■ 040704

■ 050705

■ 060705

■ 060706

■ 070707

Harmonies

Analogous

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



060600



020701



000804

Triad

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



020701



01060C



0D0303

Complementary

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



020701



060107

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.



0C0307



020701



05050C

Square

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



020701



00070B



09040A



0D0400

Rectangle

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



020701



000807



09040A



0D0304

Sweetspot

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



020701



080A08



070601



040504



858585



050505

Same Dimension

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



020701



020A00



010703



020302



0B4200



20C200

Inverse Universe

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



060107



09000A



070105



030203



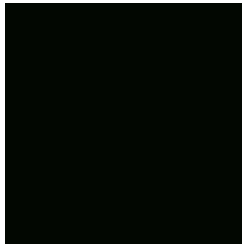
370042



A200C2

Previews

White Background



This preview shows how the Hex color 020701 looks on a white background.

Color Contrast Check

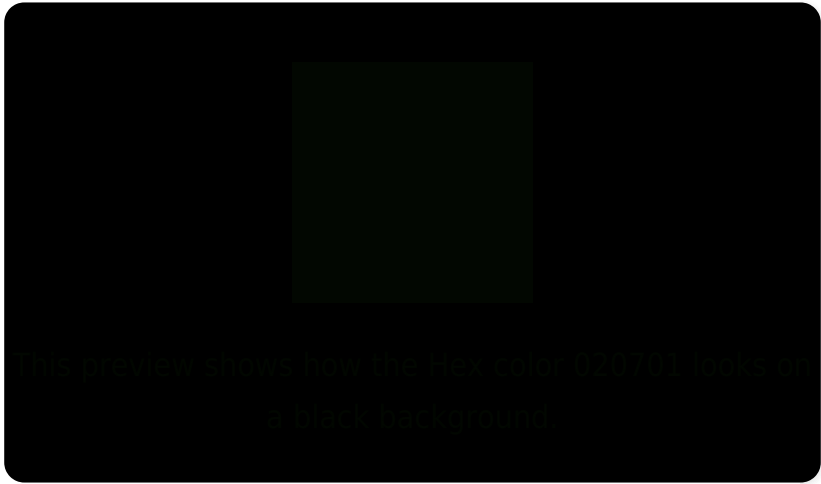
Large Text (above 18pt) WCAG AA ✓ Pass

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

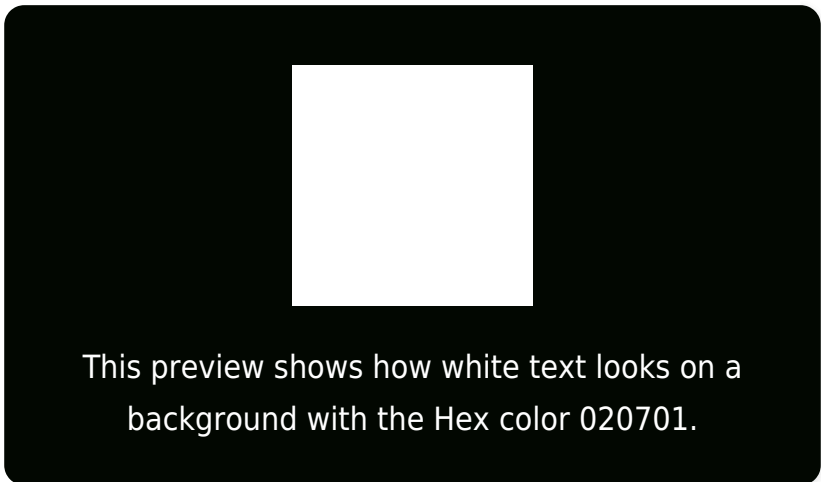
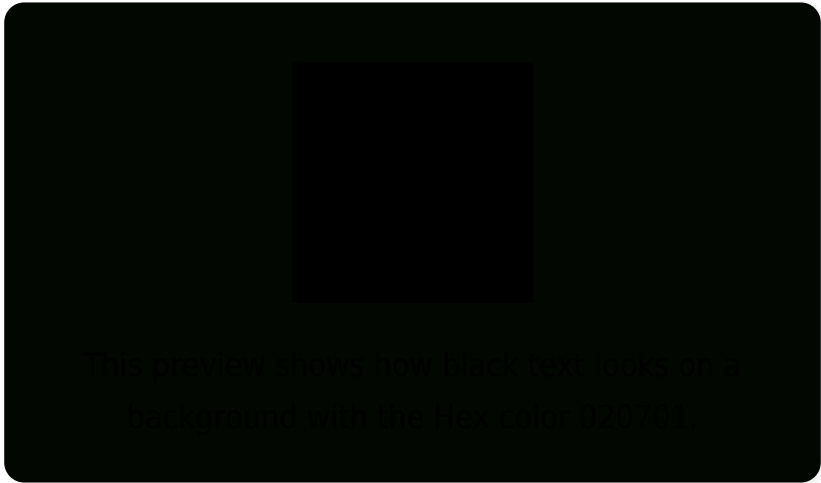
Any Text WCAG AA × Fail

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](#).

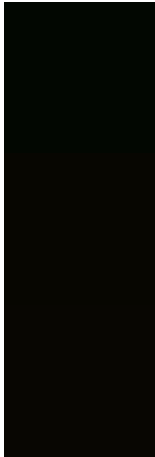
Hex 020701 Background



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
020701

Protanopia
070601

Deuteranopia
080602



Tritanopia
030707

Trichromacy



Original Color
020701

Protanomaly
050601

Deuteranomaly
060602

Tritanomaly
030705

Monochromacy



Original Color
020701

Achromatopsia
050505

Achromatomaly
040604

CSS Examples

Text

The CSS property to change the color of the text to Hex 020701 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 #020701 looks like.

```
.text, #text, p{  
    color:#020701  
}
```

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 #020701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020701
}
```

Border

The CSS property to change the border of an element to Hex 020701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

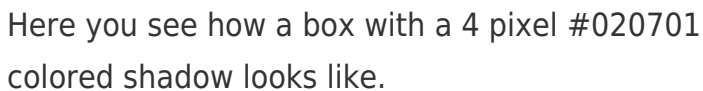
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#020701 }
```

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

```
.border{ border-color:#020701 }
```

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



Here you see how a box with a 4 pixel #020701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020701; -webkit-box-shadow:4px 4px  
4px 4px #020701; box-shadow:4px 4px 4px  
4px #020701 }
```

Background

The CSS property to change the background color of an element to Hex 020701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020701 }
```

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

```
.background{ background-color:#020701 }
```

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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