

Converting Colors

Hex(021202)

Have a look what the booklet for
Hex(021202) contains.

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Color

Hex(021202)

Conversions

Conversions Part 1

Format	Color
Hex	021202
RGB	2, 18, 2
RGB Percent	1%, 7%, 1%
CMY	0.9922, 0.9294, 0.9922
CMYK	0.89, 0.00, 0.89, 0.93
HSL	120°, 80%, 4%
HSV	120°, 89%, 7%
XYZ	0.2523, 0.4499, 0.1310
YIQ	11.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

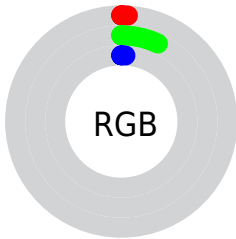
Format	Color
R_{YB}	2, 18, 18
Decimal	135682
CIE Lab	4.06, -7.18, 5.13
CIE LCh	4, 8.828, 144.444
Yxy	0.4499, 0.3028, 0.5400
Android (android.graphics.Color)	4278325762 (0xFF021202)
YUV	11.3920, -4.6303, -8.2368
Hunter-Lab	6.7075, -5.0239, 3.5375

Details

The Hex color **021202** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120212**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **313C31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001200**, and if you desaturate by 10%, it is **041204**.

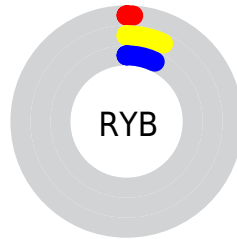
Distribution



Red (1%)

Green (7%)

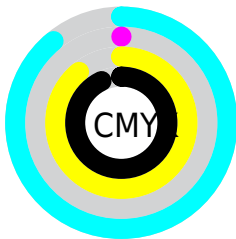
Blue (1%)



Red (1%)

Yellow (7%)

Blue (7%)

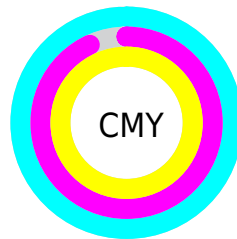


Cyan (89%)

Magenta (0%)

Yellow (89%)

Black (93%)



Cyan (99%)

Magenta (93%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021202 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 021202 by changing the saturation by 10% instead.

■ 021202

■ 021202

■ E4F2E4

■ 000000

■ 313C31

■ 475348

■ 5F6B5F

■ 788578

■ 929F92

■ ACBAAC

■ C8D5C8

■ 021202

■ 021202

■ 001200

■ 041204

■ 061206

■ 071207

■ 091209

■ 0B120B

■ 0D120D

■ 0F120F

■ 101210

■ 121212

Harmonies

Analogous

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



0D1000



021202



00130C

Triad

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



021202



020F1B



1D0806

Complementary

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



021202



120212

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.



1B0810



021202



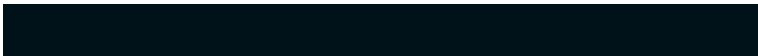
0E0D1A

Square

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



021202



001219



170A17



1B0A00

Rectangle

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



021202



001312



170A17



1D080A

Sweetspot

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



021202



111711



121202



090D09



8C8C8C



0D0D0D

Same Dimension

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



021202



001700



02120A



090A09



004A00



00C900

Inverse Universe

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



120212



170017



12020A



0A090A



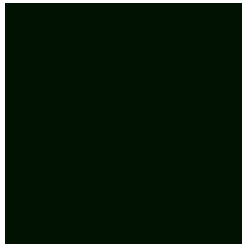
4A004A



C900C9

Previews

White Background



This preview shows how the Hex color 021202 looks on a white background.

Color Contrast Check

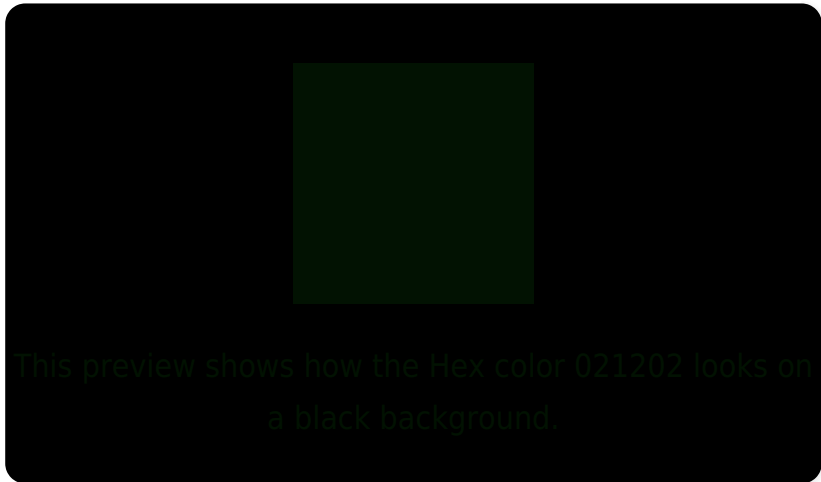
Large Text (above 18pt) WCAG AA ✓ Pass

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

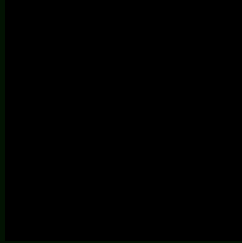
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

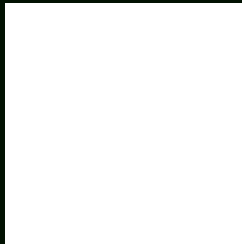
Any Text WCAG AAA × Fail

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

Hex 021202 Background



This preview shows how black text looks on a background with the Hex color 021202.



This preview shows how white text looks on a background with the Hex color 021202.

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
021202

Protanopia
110F01

Deuteranopia
130F04



Tritanopia
081112

Trichromacy



Original Color

021202

Protanomaly

0C1001

Deuteranomaly

0D1003

Tritanomaly

06110C

Monochromacy



Original Color

021202

Achromatopsia

0B0B0B

Achromatomaly

080E08

CSS Examples

Text

The CSS property to change the color of the text to Hex 021202 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 #021202 looks like.

```
.text, #text, p{  
    color:#021202  
}
```

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 #021202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021202
}
```

Border

The CSS property to change the border of an element to Hex 021202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

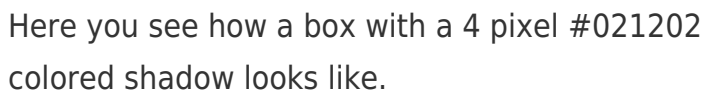
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#021202 }
```

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

```
.border{ border-color:#021202 }
```

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



Here you see how a box with a 4 pixel #021202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021202; -webkit-box-shadow:4px 4px  
4px 4px #021202; box-shadow:4px 4px 4px  
4px #021202 }
```

Background

The CSS property to change the background color of an element to Hex 021202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021202 }
```

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

```
.background{ background-color:#021202 }
```

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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