

Converting Colors

Hex(031021)

Have a look what the booklet for
Hex(031021) contains.

Hex(031021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(031021)

Conversions

Conversions Part 1

Format	Color
Hex	031021
RGB	3, 16, 33
RGB Percent	1%, 6%, 13%
CMY	0.9882, 0.9373, 0.8706
CMYK	0.91, 0.52, 0.00, 0.87
HSL	214°, 83%, 7%
HSV	214°, 91%, 13%
XYZ	0.4974, 0.4997, 1.5091
YIQ	14.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

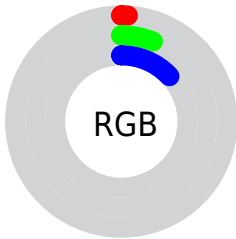
Format	Color
RYB	3, 12, 33
Decimal	200737
CIELab	4.51, 0.92, -12.67
CIELCh	5, 12.705, 274.135
Yxy	0.4997, 0.1985, 0.1994
Android (android.graphics.Color)	4278390817 (0xFF031021)
YUV	14.0510, 9.3419, -9.6917
Hunter-Lab	7.0693, 0.1871, -7.7082

Details

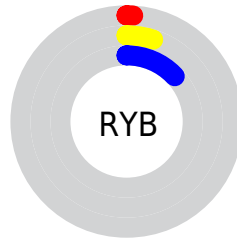
The Hex color **031021** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **211403**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **303B4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000E21**, and if you desaturate by 10%, it is **061221**.

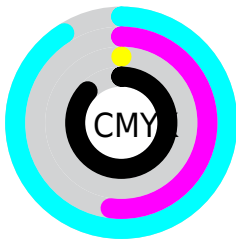
Distribution



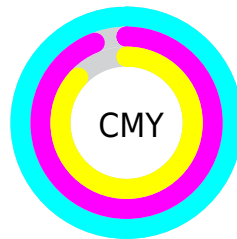
- Red (1%)
- Green (6%)
- Blue (13%)



- Red (1%)
- Yellow (5%)
- Blue (13%)



- Cyan (91%)
- Magenta (52%)
- Yellow (0%)
- Black (87%)



- Cyan (99%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031021 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 031021 by changing the saturation by 10% instead.

■ 031021

■ 031021

■ E5F0FF

■ 000008

■ 303B4D

■ 000000

■ 475265

■ 5F6A7E

■ 788398

■ 929DB3

■ ADB8CE

■ C8D3EB

■ 031021

■ 031021

■ 000E21

■ 061221

■ 0A1421

■ 0D1621

■ 101721

■ 141921

■ 171B21

■ 1A1D21

■ 1D1F21

■ 212121

Harmonies

Analogous

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



00131F



031021



140C1E

Triad

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



031021



220800



001502

Complementary

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



031021



211403

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.



071300



031021



1D0B00

Square

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



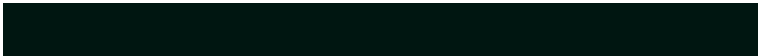
031021



21070E



141000



001611

Rectangle

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



031021



1A091B



141000



001400

Sweetspot

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



031021



20252B



032114



101317



969696



171717

Same Dimension

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



031021



00132B



050321



0E0E0F



00224F



005ACF

Inverse Universe

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



210310



2B0013



1F2103



0F0E0E



4F0022



CF005A

Previews

White Background



This preview shows how the Hex color 031021 looks on a white background.

Color Contrast Check

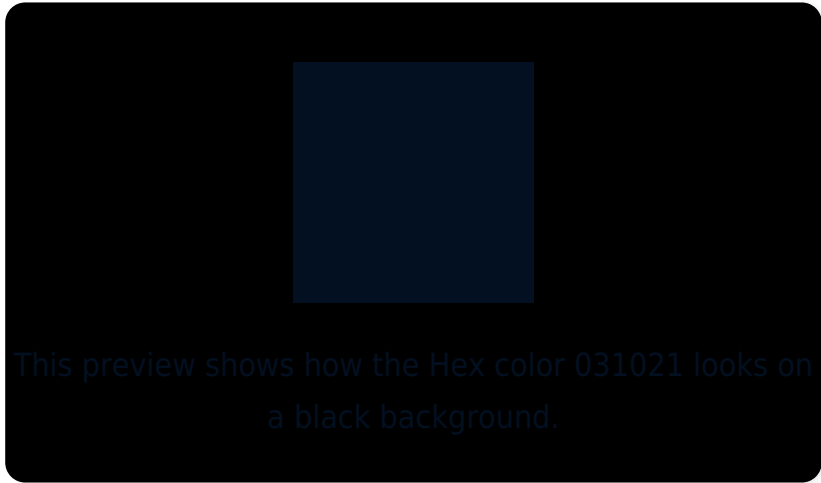
Large Text (above 18pt) WCAG AA ✓ Pass

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

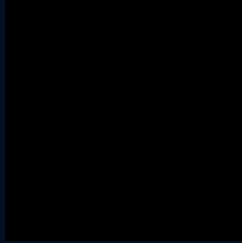
Any Text WCAG AA × Fail

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 031021 Background



This preview shows how black text looks on a background with the Hex color 031021.



This preview shows how white text looks on a background with the Hex color 031021.

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
031021

Protanopia
051021

Deuteranopia
00111D



Tritanopia
001214

Trichromacy



Original Color

031021

Protanomaly

041021

Deuteranomaly

01111E

Tritanomaly

011119

Monochromacy



Original Color

031021

Achromatopsia

0E0E0E

Achromatomaly

0A0F15

CSS Examples

Text

The CSS property to change the color of the text to Hex 031021 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 #031021 looks like.

```
.text, #text, p{  
    color:#031021  
}
```

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 #031021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031021
}
```

Border

The CSS property to change the border of an element to Hex 031021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

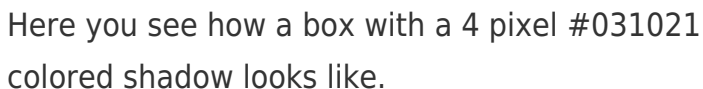
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#031021 }
```

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

```
.border{ border-color:#031021 }
```

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



Here you see how a box with a 4 pixel #031021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031021; -webkit-box-shadow:4px 4px  
4px 4px #031021; box-shadow:4px 4px 4px  
4px #031021 }
```

Background

The CSS property to change the background color of an element to Hex 031021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031021 }
```

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

```
.background{ background-color:#031021 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor