

Converting Colors

Hex(031C09)

Have a look what the booklet for
Hex(031C09) contains.

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Color

Hex(031C09)

Conversions

Conversions Part 1

Format	Color
Hex	031C09
RGB	3, 28, 9
RGB Percent	1%, 11%, 4%
CMY	0.9882, 0.8902, 0.9647
CMYK	0.89, 0.00, 0.68, 0.89
HSL	134°, 81%, 6%
HSV	134°, 89%, 11%
XYZ	0.5021, 0.8696, 0.3998
YIQ	18.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

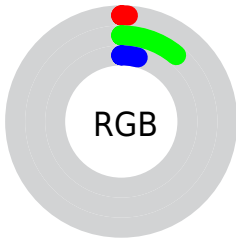
Format	Color
RYB	3, 23, 28
Decimal	203785
CIELab	7.85, -13.29, 7.82
CIElCh	8, 15.421, 149.512
Yxy	0.8696, 0.2834, 0.4909
Android (android.graphics.Color)	4278393865 (0xFF031C09)
YUV	18.3590, -4.6140, -13.4698
Hunter-Lab	9.3252, -6.7077, 3.9855

Details

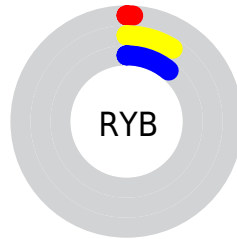
The Hex color **031C09** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1C0316**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **304735**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001C07**, and if you desaturate by 10%, it is **061C0B**.

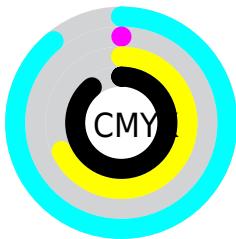
Distribution



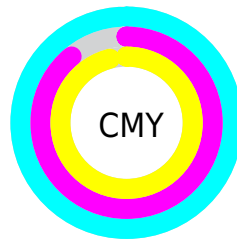
- Red (1%)
- Green (11%)
- Blue (4%)



- Red (1%)
- Yellow (9%)
- Blue (11%)



- Cyan (89%)
- Magenta (0%)
- Yellow (68%)
- Black (89%)



- Cyan (99%)
- Magenta (89%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031C09 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 031C09 by changing the saturation by 10% instead.

■ 031C09

■ 031C09

■ E4FFE9

■ 000000

■ 304735

■ 475F4C

■ 5F7864

■ 78917D

■ 92AC97

■ ACC7B2

■ C8E3CD

■ 031C09

■ 031C09

■ 001C07

■ 061C0B

■ 091C0D

■ 0B1C0F

■ 0E1C12

■ 111C14

■ 141C16

■ 171C18

■ 191C1A

■ 1C1C1C

Harmonies

Analogous

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



151A00



031C09



001D17

Triad

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



031C09



03182C



2A0F0B

Complementary

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



031C09



1C0316

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.



290E18



031C09



171529

Square

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



031C09



001B29



241122



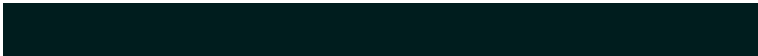
271300

Rectangle

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



031C09



001D1E



241122



2A0F10

Sweetspot

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



031C09



1A241C



161C03



0C120E



919191



121212

Same Dimension

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



031C09



002409



031C15



0B0D0C



004D12



00CC31

Inverse Universe

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



1C0316



24001B



1C030A



0D0B0C



4D003A



CC009B

Previews

White Background



This preview shows how the Hex color 031C09 looks on a white background.

Color Contrast Check

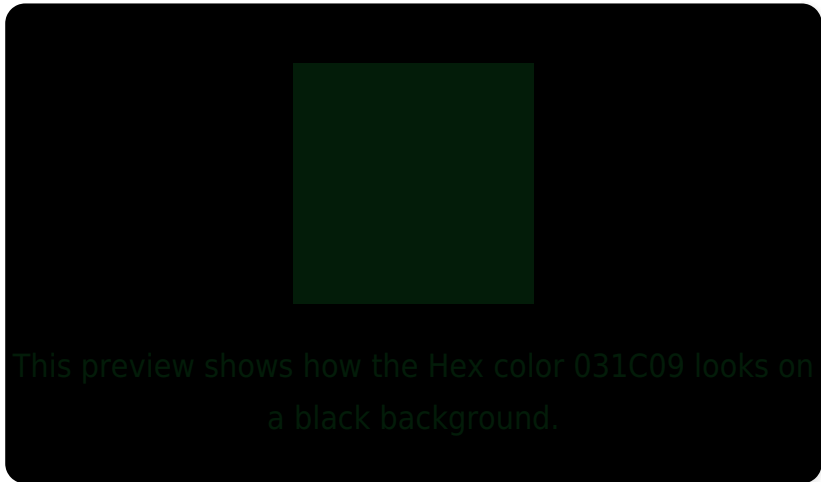
Large Text (above 18pt) WCAG AA ✓ Pass

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

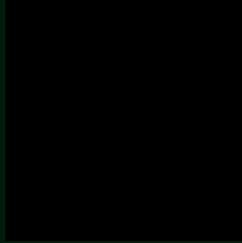
Any Text WCAG AA × Fail

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 031C09 Background



This preview shows how black text looks on a background with the Hex color 031C09.



This preview shows how white text looks on a background with the Hex color 031C09.

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
031C09

Protanopia
1B1808

Deuteranopia
1E170B

Trichromacy



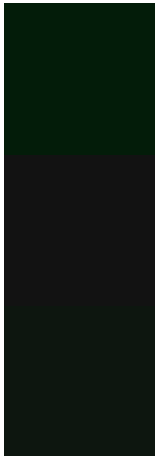
Original Color
031C09

Protanomaly
121908

Deuteranomaly
14190A

Tritanomaly
091B15

Monochromacy



Original Color
031C09

Achromatopsia
121212

Achromatomaly
0D160F

CSS Examples

Text

The CSS property to change the color of the text to Hex 031C09 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 #031C09 looks like.

```
.text, #text, p{  
    color:#031C09  
}
```

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 #031C09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031C09
}
```

Border

The CSS property to change the border of an element to Hex 031C09 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
#031C09 }
```

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

```
.border{ border-color:#031C09 }
```

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

Here you see how a box with a 4 pixel #031C09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031C09; -webkit-box-shadow:4px 4px  
4px 4px #031C09; box-shadow:4px 4px 4px  
4px #031C09 }
```

Background

The CSS property to change the background color of an element to Hex 031C09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031C09 }
```

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

```
.background{ background-color:#031C09 }
```

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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