

Converting Colors

Hex(031C20)

Have a look what the booklet for
Hex(031C20) contains.

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Color

Hex(031C20)

Conversions

Conversions Part 1

Format	Color
Hex	031C20
RGB	3, 28, 32
RGB Percent	1%, 11%, 13%
CMY	0.9882, 0.8902, 0.8745
CMYK	0.91, 0.12, 0.00, 0.87
HSL	188°, 83%, 7%
HSV	188°, 91%, 13%
XYZ	0.7135, 0.9542, 1.5131
YIQ	20.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

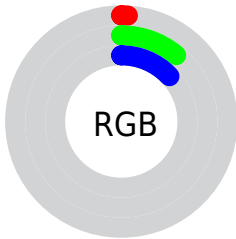
Format	Color
RYB	3, 16, 32
Decimal	203808
CIELab	8.60, -7.86, -5.66
CIElCh	9, 9.684, 215.790
Yxy	0.9542, 0.2243, 0.3000
Android (android.graphics.Color)	4278393888 (0xFF031C20)
YUV	20.9810, 5.4324, -15.7693
Hunter-Lab	9.7681, -4.0554, -2.3463

Details

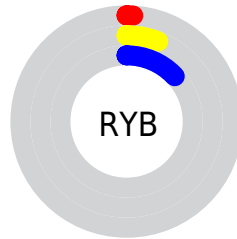
The Hex color **031C20** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **200703**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **2F474C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001C20**, and if you desaturate by 10%, it is **061C20**.

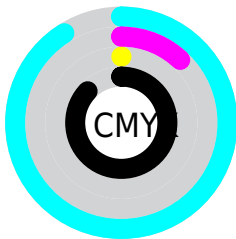
Distribution



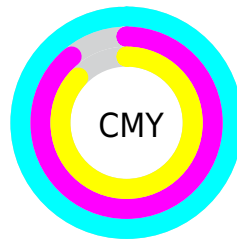
- Red (1%)
- Green (11%)
- Blue (13%)



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



- Cyan (91%)
- Magenta (12%)
- Yellow (0%)
- Black (87%)



- Cyan (99%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031C20 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 031C20 by changing the saturation by 10% instead.

■ 031C20

■ 031C20

■ E4FFFF

■ 000008

■ 2F474C

■ 000000

■ 475F64

■ 5F787D

■ 789196

■ 92ACB1

■ ADC7CD

■ C8E3E9

■ 031C20

■ 031C20

■ 001C20

■ 061C20

■ 091D20

■ 0D1D20

■ 101E20

■ 131E20

■ 161F20

■ 191F20

■ 1D2020

■ 202020

Harmonies

Analogous

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



051C1A



031C20



081B24

Triad

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



031C20



22151E



1D1908

Complementary

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



031C20



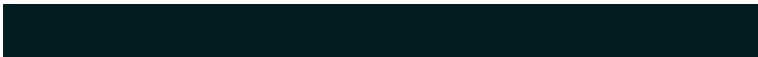
200703

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.



22160A



031C20



251418

Square

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



031C20



1B1723



251511



151B0C

Rectangle

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



031C20



0E1A25



251511



1F1808

Sweetspot

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



031C20



1E2729



032007



0E1314



949494



141414

Same Dimension

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



031C20



002329



030E20



0E0F0F



00444F



00B2CF

Inverse Universe

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



20031C



290023



201503



0F0E0F



4F0044



CF00B2

Previews

White Background



This preview shows how the Hex color 031C20 looks on a white background.

Color Contrast Check

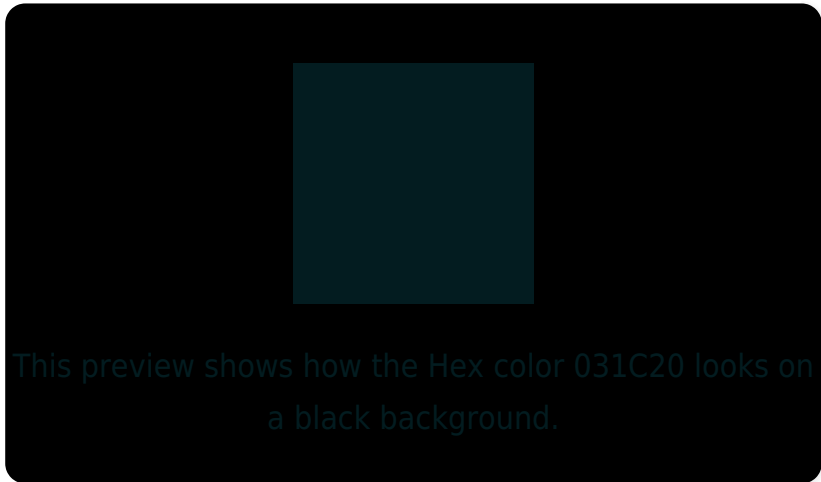
Large Text (above 18pt) WCAG AA ✓ Pass

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

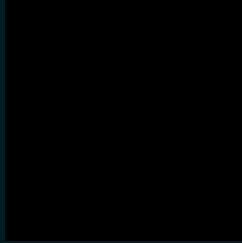
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

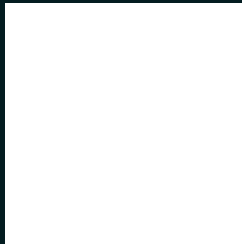
Any Text WCAG AAA × Fail

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

Hex 031C20 Background



This preview shows how black text looks on a background with the Hex color 031C20.

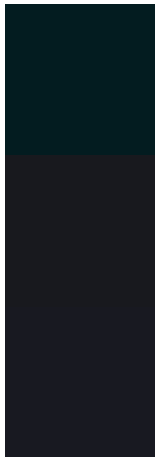


This preview shows how white text looks on a background with the Hex color 031C20.

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
031C20

Protanopia
18191E

Deuteranopia
181921



Tritanopia
001C1E

Trichromacy



Original Color
031C20

Protanomaly
101A1F

Deuteranomaly
101A21

Tritanomaly
011C1F

Monochromacy



Original Color
031C20

Achromatopsia
151515

Achromatomaly
0E1819

CSS Examples

Text

The CSS property to change the color of the text to Hex 031C20 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 #031C20 looks like.

```
.text, #text, p{  
    color:#031C20  
}
```

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 #031C20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031C20
}
```

Border

The CSS property to change the border of an element to Hex 031C20 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
#031C20 }
```

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

```
.border{ border-color:#031C20 }
```

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

Here you see how a box with a 4 pixel #031C20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031C20; -webkit-box-shadow:4px 4px  
4px 4px #031C20; box-shadow:4px 4px 4px  
4px #031C20 }
```

Background

The CSS property to change the background color of an element to Hex 031C20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031C20 }
```

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

```
.background{ background-color:#031C20 }
```

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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