

Converting Colors

Hex(031C44)

Have a look what the booklet for
Hex(031C44) contains.

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Color

Hex(031C44)

Conversions

Conversions Part 1

Format	Color
Hex	031C44
RGB	3, 28, 68
RGB Percent	1%, 11%, 27%
CMY	0.9882, 0.8902, 0.7333
CMYK	0.96, 0.59, 0.00, 0.73
HSL	217°, 92%, 14%
HSV	217°, 96%, 27%
XYZ	1.4962, 1.2672, 5.6346
YIQ	25.0850, -27.7400, 7.1400

Conversions

Conversions Part 2

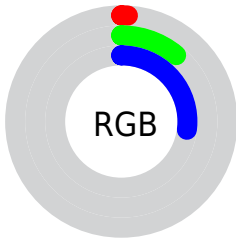
Format	Color
R_{YB}	3, 21, 68
Decimal	203844
CIE _{Lab}	11.04, 8.74, -27.90
CIE _{LCh}	11, 29.239, 287.393
Yxy	1.2672, 0.1782, 0.1509
Android (android.graphics.Color)	4278393924 (0xFF031C44)
YUV	25.0850, 21.1571, -19.3685
Hunter-Lab	11.2571, 4.0247, -21.7968

Details

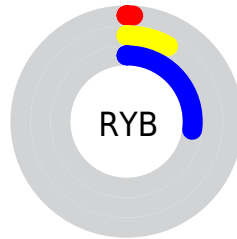
The Hex color **031C44** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **442B03**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **3A4775**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **001A44**, and if you desaturate by 10%, it is **0A2044**.

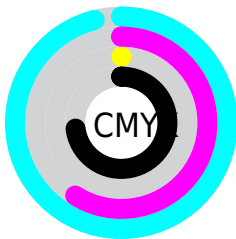
Distribution



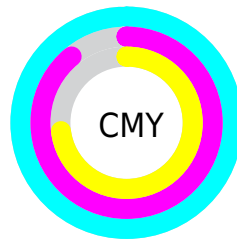
- Red (1%)
- Green (11%)
- Blue (27%)



- Red (1%)
- Yellow (8%)
- Blue (27%)



- Cyan (96%)
- Magenta (59%)
- Yellow (0%)
- Black (73%)



- Cyan (99%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031C44 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 031C44 by changing the saturation by 10% instead.

031C44

031C44

F7FFFF

00002E

3A4775

000118

535E8E

000000

6D77A9

8791C4

A2ABE0

BEC6FD

DAE2FF

031C44

031C44

■ 001A44

■ 0A2044

■ 112444

■ 172944

■ 1E2D44

■ 253144

■ 2C3544

■ 333944

■ 393D44

■ 404244

Harmonies

Analogous

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



002245



031C44



2C1239

Triad

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



031C44



3A1000



002614

Complementary

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



031C44



442B03

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.



042400



031C44



2D1A00

Square

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



031C44



400613



1C2000



002729

Rectangle

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



031C44



390A2D



1C2000



00260B

Sweetspot

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



031C44



3F4959



03442A



1E242E



ADADAD



2E2E2E

Same Dimension

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



031C44



002259



090344



1E1F21



002561



0056E0

Inverse Universe

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



44031C



590022



3E4403



211E1F



610025



E00056

Previews

White Background



This preview shows how the Hex color 031C44 looks on a white background.

Color Contrast Check

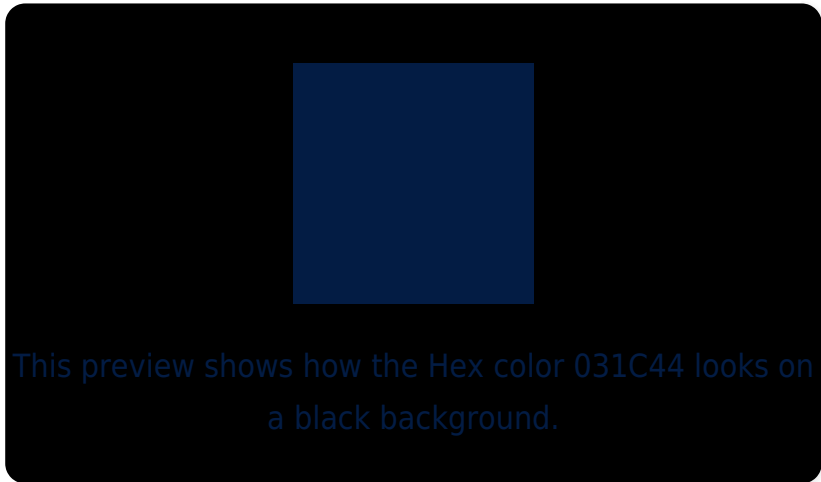
Large Text (above 18pt) WCAG AA ✓ Pass

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

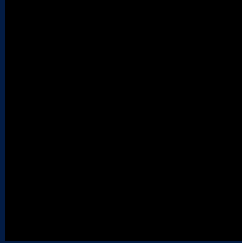
Any Text WCAG AA × Fail

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 031C44 Background



This preview shows how black text looks on a background with the Hex color 031C44.



This preview shows how white text looks on a background with the Hex color 031C44.

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

031C44

Protanopia

001D3F

Deuteranopia

001F36



Tritanopia
002224

Trichromacy



Original Color
031C44

Protanomaly
011D41

Deuteranomaly
011E3B

Tritanomaly
012030

Monochromacy



Original Color
031C44

Achromatopsia
191919

Achromatomaly
111A29

CSS Examples

Text

The CSS property to change the color of the text to Hex 031C44 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 #031C44 looks like.

```
.text, #text, p{  
    color:#031C44  
}
```

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 #031C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031C44
}
```

Border

The CSS property to change the border of an element to Hex 031C44 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
#031C44 }
```

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

```
.border{ border-color:#031C44 }
```

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

Here you see how a box with a 4 pixel #031C44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031C44; -webkit-box-shadow:4px 4px  
4px 4px #031C44; box-shadow:4px 4px 4px  
4px #031C44 }
```

Background

The CSS property to change the background color of an element to Hex 031C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031C44 }
```

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

```
.background{ background-color:#031C44 }
```

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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