

Converting Colors

Hex(034231)

Have a look what the booklet for
Hex(034231) contains.

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Color

Hex(034231)

Conversions

Conversions Part 1

Format	Color
Hex	034231
RGB	3, 66, 49
RGB Percent	1%, 26%, 19%
CMY	0.9882, 0.7412, 0.8078
CMYK	0.95, 0.00, 0.26, 0.74
HSL	164°, 91%, 14%
HSV	164°, 95%, 26%
XYZ	2.5401, 4.1375, 3.5705
YIQ	45.2250, -32.0910, -18.6430

Conversions

Conversions Part 2

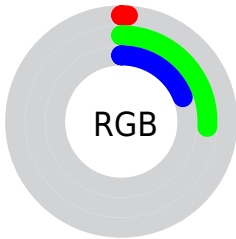
Format	Color
R_YB	3, 39, 66
Decimal	213553
CIE Lab	24.12, -23.45, 5.16
CIE LCh	24, 24.007, 167.591
Yxy	4.1375, 0.2479, 0.4037
Android (android.graphics.Color)	4278403633 (0xFF034231)
YUV	45.2250, 1.8611, -37.0313
Hunter-Lab	20.3409, -13.3059, 3.8314

Details

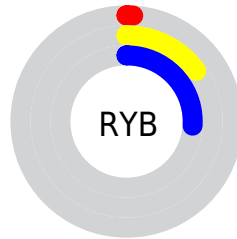
The Hex color **034231** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **420314**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3B735F**, and **001702** is the 20% darker color. If you saturate the color by 10%, you get **004230**, and if you desaturate by 10%, it is **0A4233**.

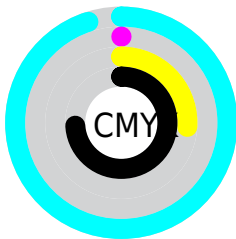
Distribution



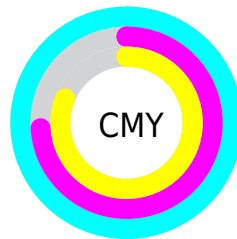
- Red (1%)
- Green (26%)
- Blue (19%)



- Red (1%)
- Yellow (15%)
- Blue (26%)



- Cyan (95%)
- Magenta (0%)
- Yellow (26%)
- Black (74%)



- Cyan (99%)
- Magenta (74%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034231 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 034231 by changing the saturation by 10% instead.

 034231

 034231

 F8FFFF

 002B1C

 3B735F

 001702

 548C78

 000000

 6EA791

 88C2AC

 A3DEC7

 BFFBE3

 DBFFFF

 034231

 034231

■ 004230

■ 0A4233

■ 104235

■ 174236

■ 1D4238

■ 24423A

■ 2B423C

■ 31423D

■ 38423F

■ 3E4241

Harmonies

Analogous

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



254020



034231



004244

Triad

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



034231



2E385C



562F1F

Complementary

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



034231



420314

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.



5B2A2F



034231



483052

Square

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



034231



003D5C



572B42



4A3615

Rectangle

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



034231



00424F



572B42



592D24

Sweetspot

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



034231



3E5750



154203



1C2B27



ABABAB



2B2B2B

Same Dimension

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



034231



00573F



033442



1E2120



006147



00E0A4

Inverse Universe

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



420314



570017



421103



211E1F



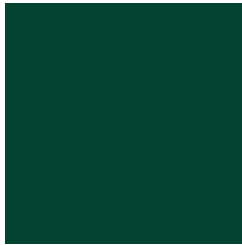
61001A



E0003D

Previews

White Background



This preview shows how the Hex color 034231 looks on a white background.

Color Contrast Check

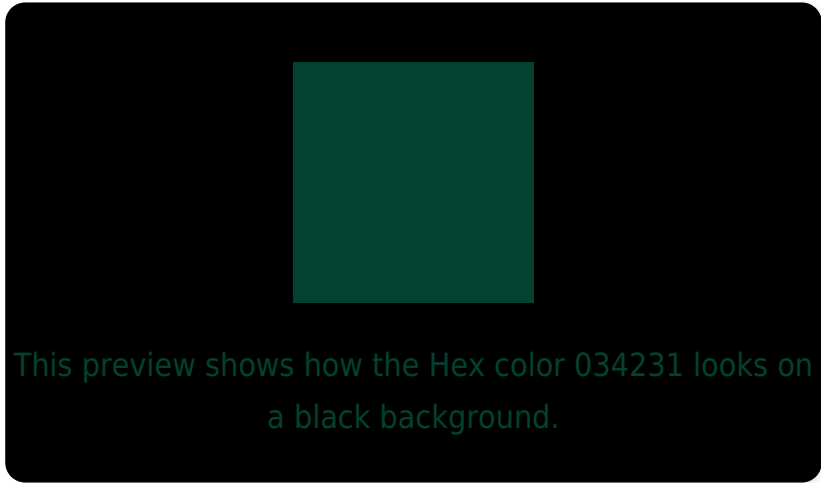
Large Text (above 18pt) WCAG AA ✓ Pass

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

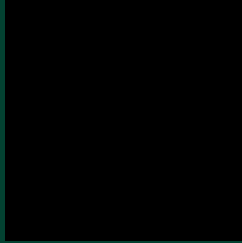
Any Text WCAG AA × Fail

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 034231 Background



This preview shows how black text looks on a background with the Hex color 034231.



This preview shows how white text looks on a background with the Hex color 034231.

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
034231

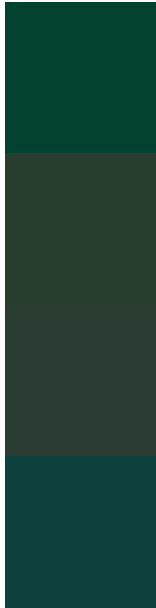
Protanopia
3D3A2D

Deuteranopia
423833



Tritanopia
153F45

Trichromacy



Original Color
034231

Protanomaly
283D2E

Deuteranomaly
2B3C32

Tritanomaly
0E403E

Monochromacy



Original Color
034231

Achromatopsia
2D2D2D

Achromatomaly
1E352E

CSS Examples

Text

The CSS property to change the color of the text to Hex 034231 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 #034231 looks like.

```
.text, #text, p{  
    color:#034231  
}
```

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 #034231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034231
}
```

Border

The CSS property to change the border of an element to Hex 034231 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
#034231 }
```

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

```
.border{ border-color:#034231 }
```

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

Here you see how a box with a 4 pixel #034231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034231; -webkit-box-shadow:4px 4px  
4px 4px #034231; box-shadow:4px 4px 4px  
4px #034231 }
```

Background

The CSS property to change the background color of an element to Hex 034231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034231 }
```

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

```
.background{ background-color:#034231 }
```

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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