

# Converting Colors

Hex(034000)

Have a look what the booklet for  
Hex(034000) contains.

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**Color**

**Hex(034000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	034000
RGB	3, 64, 0
RGB Percent	1%, 25%, 0%
CMY	0.9882, 0.7490, 1.0000
CMYK	0.95, 0.00, 1.00, 0.75
HSL	117°, 100%, 13%
HSV	117°, 100%, 25%
XYZ	1.8709, 3.6862, 0.6129
YIQ	38.4650, -15.8120, -32.8360

# Conversions

## Conversions Part 2

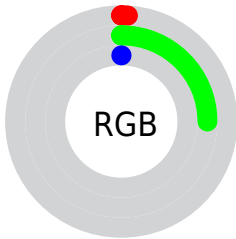
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 61
Decimal	212992
CIELab	22.61, -31.40, 30.21
CIELCh	23, 43.572, 136.108
Yxy	3.6862, 0.3032, 0.5974
Android (android.graphics.Color)	4278403072 (0xFF034000)
YUV	38.4650, -18.9632, -31.1028
Hunter-Lab	19.1994, -16.2043, 11.5469

# Details

The Hex color **034000** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D0040**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3B7130**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **034000**, and if you desaturate by 10%, it is **094006**.

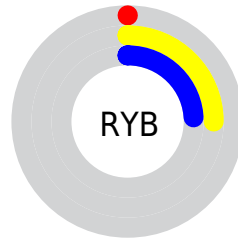
# Distribution



Red (1%)

Green (25%)

Blue (0%)



Red (0%)

Yellow (25%)

Blue (24%)

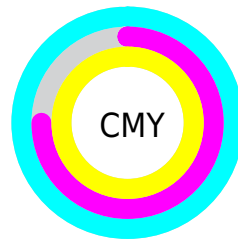


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (99%)

Magenta (75%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 034000 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 034000 by changing the saturation by 10% instead.



 034000

 034000

 FAFFE6

 002A00

 3B7130

 001100

 558A48

 000000

 6FA560

 89C079

 A4DC93

 C0F9AE

 DDFPCA

 034000

■ 094006

■ 0F400D

■ 154013

■ 1B401A

■ 224020

■ 284026

■ 2E402D

■ 344033

■ 3A403A

# Harmonies

## Analogous

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



343A00



034000



004325

# Triad

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



034000



003E76



6E0B26

# Complementary

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



034000



3D0040

# 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.



670F46



034000



003475

# Square

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



034000



004365



4C2464



641F04

# Rectangle

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



034000



00443C



4C2464



6E0831



# Sweetspot

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



034000



3C543B



403D00



1C2B1C



ABABAB



2B2B2B



# Same Dimension

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



034000



045400



00401D



1E211E



056100



0BE000



# Inverse Universe

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



3D0040



500054



400023



211E21



5C0061

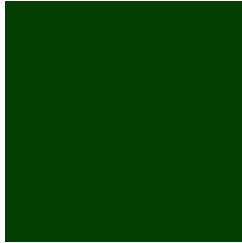


D600E0



# Previews

## White Background



This preview shows how the Hex color 034000 looks on a white background.

## Color Contrast Check

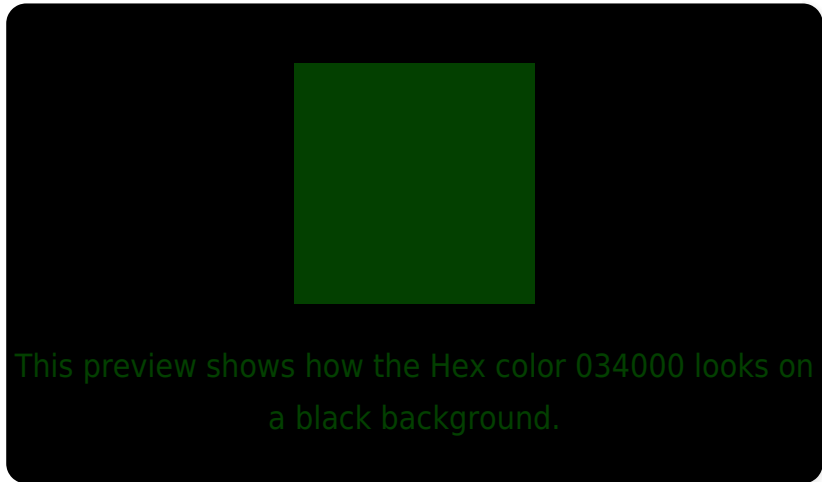
Large Text (above 18pt) WCAG AA ✓ Pass

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

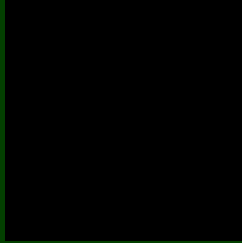
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 034000 Background



This preview shows how black text looks on a background with the Hex color 034000.



This preview shows how white text looks on a background with the Hex color 034000.

# 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](#).

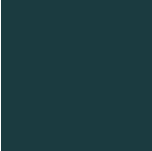
## Dichromacy



**Original Color**  
034000

**Protanopia**  
3E3700

**Deuteranopia**  
45340E



**Tritanopia**  
1B3B40

# Trichromacy



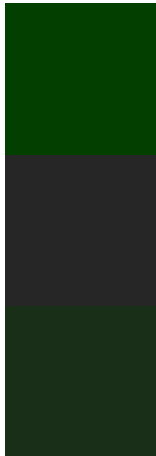
**Original Color**  
034000

**Protanomaly**  
293A00

**Deuteranomaly**  
2D3809

**Tritanomaly**  
123D29

# Monochromacy



**Original Color**  
034000

**Achromatopsia**  
262626

**Achromatomaly**  
192F18

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 034000 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 #034000 looks like.

```
.text, #text, p{  
    color:#034000  
}
```

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 #034000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034000
}
```

## Border

The CSS property to change the border of an element to Hex 034000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

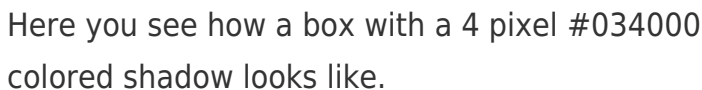
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#034000 }
```

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

```
.border{ border-color:#034000 }
```

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



Here you see how a box with a 4 pixel #034000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034000; -webkit-box-shadow:4px 4px  
4px 4px #034000; box-shadow:4px 4px 4px  
4px #034000 }
```

# Background

The CSS property to change the background color of an element to Hex 034000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034000 }
```

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

```
.background{ background-color:#034000 }
```

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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