

Converting Colors

Hex(034100)

Have a look what the booklet for
Hex(034100) contains.

Hex(034100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(034100)

Conversions

Conversions Part 1

Format	Color
Hex	034100
RGB	3, 65, 0
RGB Percent	1%, 25%, 0%
CMY	0.9882, 0.7451, 1.0000
CMYK	0.95, 0.00, 1.00, 0.75
HSL	117°, 100%, 13%
HSV	117°, 100%, 25%
XYZ	1.9278, 3.8000, 0.6319
YIQ	39.0520, -16.0870, -33.3590

Conversions

Conversions Part 2

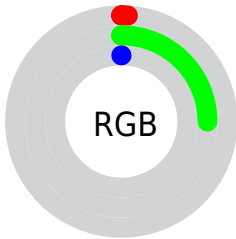
Format	Color
RYB	0, 65, 62
Decimal	213248
CIELab	23.00, -31.74, 30.62
CIELCh	23, 44.099, 136.033
Yxy	3.8000, 0.3031, 0.5975
Android (android.graphics.Color)	4278403328 (0xFF034100)
YUV	39.0520, -19.2526, -31.6176
Hunter-Lab	19.4935, -16.4604, 11.7236

Details

The Hex color **034100** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E0041**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3C7230**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **034100**, and if you desaturate by 10%, it is **094106**.

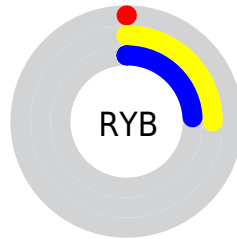
Distribution



Red (1%)

Green (25%)

Blue (0%)



Red (0%)

Yellow (25%)

Blue (24%)

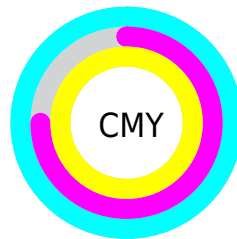


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (99%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034100 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 034100 by changing the saturation by 10% instead.

 034100

 034100

 FAFFE7

 002A00

 3C7230

 001200

 558C48

 000000

 6FA660

 8AC27A

 A5DE94

 C1FAAF

 DDFPCA

 034100

■ 094106

■ 0F410D

■ 164114

■ 1C411A

■ 224121

■ 284127

■ 2E412D

■ 354134

■ 3B413B

Harmonies

Analogous

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



353B00



034100



004426

Triad

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



034100



003F77



6F0C27

Complementary

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



034100



3E0041

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.



690F48



034100



003577

Square

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



034100



004466



4D2465



661F05

Rectangle

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



034100



00453D



4D2465



6F0832

Sweetspot

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



034100



3C543B



413E00



1C2B1C



ABABAB



2B2B2B

Same Dimension

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



034100



045400



00411D



1E211E



046100



0AE000

Inverse Universe

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



3E0041



500054



410024



211E21



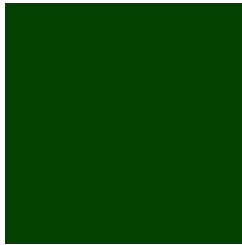
5C0061



D600E0

Previews

White Background



This preview shows how the Hex color 034100 looks on a white background.

Color Contrast Check

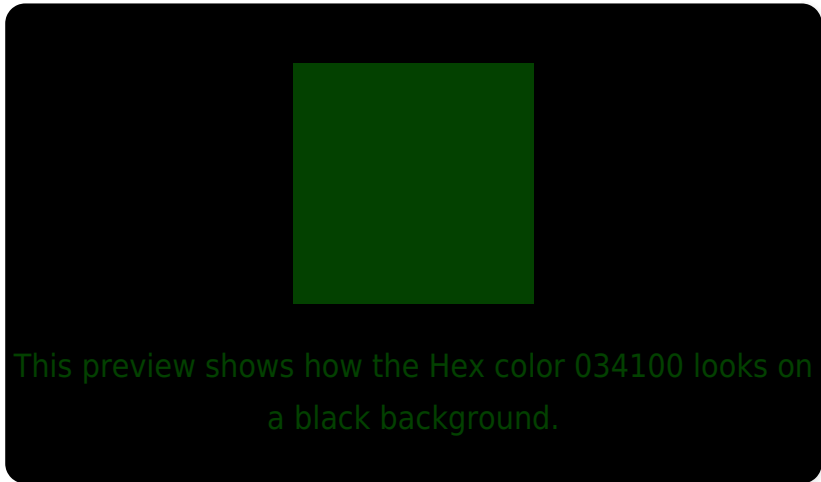
Large Text (above 18pt) WCAG AA ✓ Pass

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

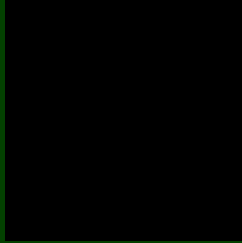
Any Text WCAG AA × Fail

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 034100 Background



This preview shows how black text looks on a background with the Hex color 034100.



This preview shows how white text looks on a background with the Hex color 034100.

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
034100

Protanopia
3F3800

Deuteranopia
46350E



Tritanopia
1B3C41

Trichromacy



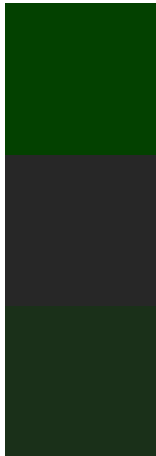
Original Color
034100

Protanomaly
293B00

Deuteranomaly
2E3909

Tritanomaly
123E29

Monochromacy



Original Color
034100

Achromatopsia
272727

Achromatomaly
1A3019

CSS Examples

Text

The CSS property to change the color of the text to Hex 034100 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 #034100 looks like.

```
.text, #text, p{  
    color:#034100  
}
```

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 #034100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034100
}
```

Border

The CSS property to change the border of an element to Hex 034100 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
#034100 }
```

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

```
.border{ border-color:#034100 }
```

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

Here you see how a box with a 4 pixel #034100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034100; -webkit-box-shadow:4px 4px  
4px 4px #034100; box-shadow:4px 4px 4px  
4px #034100 }
```

Background

The CSS property to change the background color of an element to Hex 034100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034100 }
```

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

```
.background{ background-color:#034100 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor