

Converting Colors

Hex(003104)

Have a look what the booklet for
Hex(003104) contains.

Hex(003104)	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(003104)

Conversions

Conversions Part 1

Format	Color
Hex	003104
RGB	0, 49, 4
RGB Percent	0%, 19%, 2%
CMY	1.0000, 0.8078, 0.9843
CMYK	1.00, 0.00, 0.92, 0.81
HSL	125°, 100%, 10%
HSV	125°, 100%, 19%
XYZ	1.1202, 2.2054, 0.4815
YIQ	29.2190, -14.7590, -24.3830

Conversions

Conversions Part 2

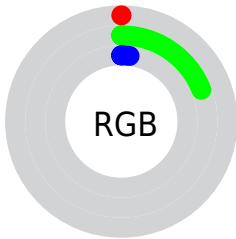
Format	Color
RYB	0, 45, 49
Decimal	12548
CIELab	16.53, -26.43, 21.61
CIELCh	17, 34.141, 140.725
Yxy	2.2054, 0.2942, 0.5793
Android (android.graphics.Color)	4278202628 (0xFF003104)
YUV	29.2190, -12.4330, -25.6251
Hunter-Lab	14.8506, -12.5236, 8.4730

Details

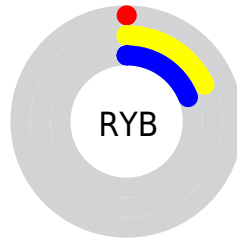
The Hex color **003104** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31002D**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **326032**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003104**, and if you desaturate by 10%, it is **053109**.

Distribution



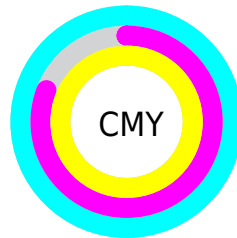
- Red (0%)
- Green (19%)
- Blue (2%)



- Red (0%)
- Yellow (18%)
- Blue (19%)



- Cyan (100%)
- Magenta (0%)
- Yellow (92%)
- Black (81%)



- Cyan (100%)
- Magenta (81%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003104 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 003104 by changing the saturation by 10% instead.

 003104

 003104

 ECFE6

 001E00

 326032

 000000

 4B7949

 649361

 7EAE7A

 98C994

 B3E6AF

 CFFCA

 003104

■ 053109

■ 0A310D

■ 0F3112

■ 143116

■ 19311B

■ 1D311F

■ 223124

■ 273128

■ 2C312D

Harmonies

Analogous

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



242D00



003104



003320

Triad

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



003104



002E59



530E19

Complementary

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



003104



31002D

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.



500D32



003104



142657

Square

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



003104



00324E



3E1948



4B1A00

Rectangle

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



003104



003431



3E1948



530B21

Sweetspot

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



003104



2D402E



2E3100



152116



A1A1A1



212121

Same Dimension

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



003104



004005



00311C



171A17



005907



00D912

Inverse Universe

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



31002D



40003B



310015



1A1719



590052



D900C7

Previews

White Background



This preview shows how the Hex color 003104 looks on a white background.

Color Contrast Check

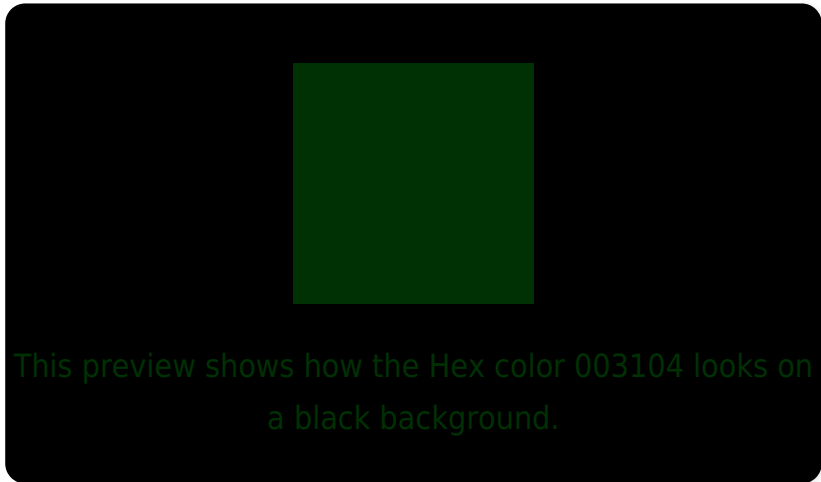
Large Text (above 18pt) WCAG AA ✓ Pass

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

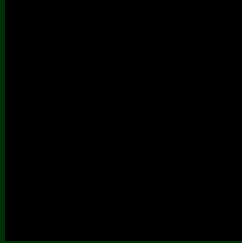
Any Text WCAG AA × Fail

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 003104 Background



This preview shows how black text looks on a background with the Hex color 003104.



This preview shows how white text looks on a background with the Hex color 003104.

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
003104

Protanopia
2F2A00

Deuteranopia
35280B



Tritanopia
152E31

Trichromacy



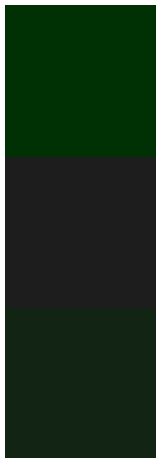
Original Color
003104

Protanomaly
1E2D01

Deuteranomaly
222B08

Tritanomaly
0D2F21

Monochromacy



Original Color
003104

Achromatopsia
1D1D1D

Achromatomaly
122414

CSS Examples

Text

The CSS property to change the color of the text to Hex 003104 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 #003104 looks like.

```
.text, #text, p{  
    color:#003104  
}
```

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 #003104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003104
}
```

Border

The CSS property to change the border of an element to Hex 003104 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
#003104 }
```

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

```
.border{ border-color:#003104 }
```

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

Here you see how a box with a 4 pixel #003104 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003104; -webkit-box-shadow:4px 4px  
4px 4px #003104; box-shadow:4px 4px 4px  
4px #003104 }
```

Background

The CSS property to change the background color of an element to Hex 003104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003104 }
```

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

```
.background{ background-color:#003104 }
```

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