

Converting Colors

Hex(004934)

Have a look what the booklet for
Hex(004934) contains.

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Color

Hex(004934)

Conversions

Conversions Part 1

Format	Color
Hex	004934
RGB	0, 73, 52
RGB Percent	0%, 29%, 20%
CMY	1.0000, 0.7137, 0.7961
CMYK	1.00, 0.00, 0.29, 0.71
HSL	163°, 100%, 14%
HSV	163°, 100%, 29%
XYZ	3.0024, 5.0130, 4.0582
YIQ	48.7790, -36.7670, -22.0070

Conversions

Conversions Part 2

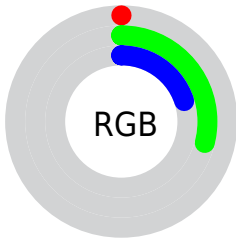
Format	Color
RYB	0, 43, 73
Decimal	18740
CIELab	26.77, -26.30, 6.94
CIELCh	27, 27.204, 165.225
Yxy	5.0130, 0.2487, 0.4152
Android (android.graphics.Color)	4278208820 (0xFF004934)
YUV	48.7790, 1.5880, -42.7792
Hunter-Lab	22.3898, -15.2460, 4.9264

Details

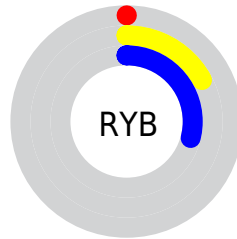
The Hex color **004934** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490015**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3C7A62**, and **001F07** is the 20% darker color. If you saturate the color by 10%, you get **004934**, and if you desaturate by 10%, it is **074936**.

Distribution



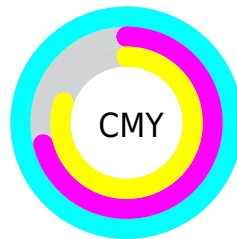
- Red (0%)
- Green (29%)
- Blue (20%)



- Red (0%)
- Yellow (17%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004934 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 004934 by changing the saturation by 10% instead.

 004934

 004934

 FBFFFF

 00321F

 3C7A62

 001F07

 56947B

 000000

 70AF95

 8ACBB0

 A5E7CB

 C1FFE7

 DEFFFF

 004934

■ 074936

■ 0F4938

■ 16493A

■ 1D493C

■ 25493F

■ 2C4941

■ 334943

■ 3A4945

■ 424947

Harmonies

Analogous

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



2A4621



004934



004A4A

Triad

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



004934



2F3E67



613323

Complementary

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



004934



490015

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.



662E35



004934



4E365D

Square

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



004934



004467



602F4A



543B16

Rectangle

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



004934



004957



602F4A



643128

Sweetspot

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



004934



425E56



164900



1F302B



B0B0B0



303030

Same Dimension

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



004934



005E43



003A49



202423



006347



00E3A2

Inverse Universe

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



490015



5E001B



490F00



242021



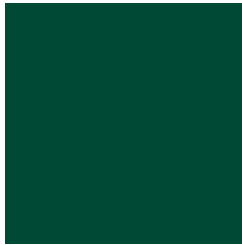
63001D



E30041

Previews

White Background



This preview shows how the Hex color 004934 looks on a white background.

Color Contrast Check

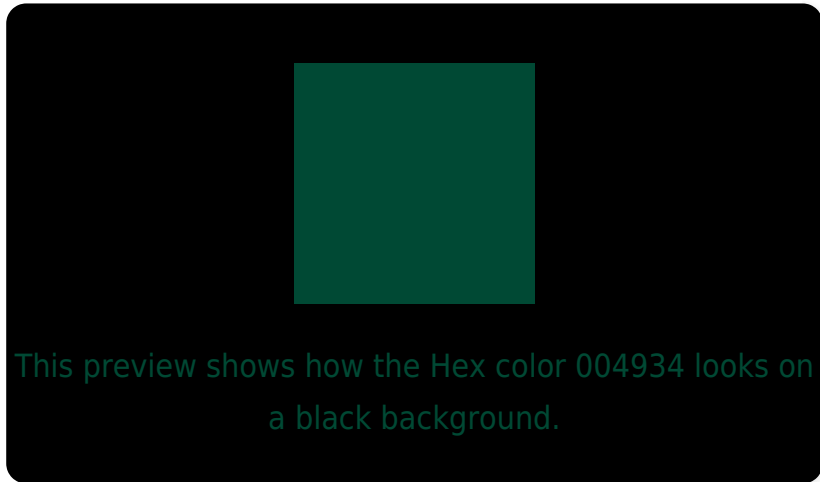
Large Text (above 18pt) WCAG AA ✓ Pass

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 004934 Background



This preview shows how black text looks on a background with the Hex color 004934.



This preview shows how white text looks on a background with the Hex color 004934.

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](#).

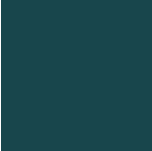
Dichromacy



Original Color
004934

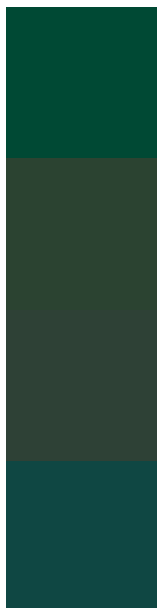
Protanopia
444030

Deuteranopia
493D37



Tritanopia
18464C

Trichromacy



Original Color

004934

Protanomaly

2B4331

Deuteranomaly

2E4136

Tritanomaly

0F4743

Monochromacy



Original Color

004934

Achromatopsia

313131

Achromatomaly

1F3A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 004934 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 #004934 looks like.

```
.text, #text, p{  
    color:#004934  
}
```

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 #004934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004934
}
```

Border

The CSS property to change the border of an element to Hex 004934 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
#004934 }
```

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

```
.border{ border-color:#004934 }
```

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

Here you see how a box with a 4 pixel #004934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004934; -webkit-box-shadow:4px 4px  
4px 4px #004934; box-shadow:4px 4px 4px  
4px #004934 }
```

Background

The CSS property to change the background color of an element to Hex 004934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004934 }
```

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

```
.background{ background-color:#004934 }
```

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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