

# Converting Colors

Hex(003724)

Have a look what the booklet for  
Hex(003724) contains.

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# Color

**Hex(003724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003724
RGB	0, 55, 36
RGB Percent	0%, 22%, 14%
CMY	1.0000, 0.7843, 0.8588
CMYK	1.00, 0.00, 0.35, 0.78
HSL	159°, 100%, 11%
HSV	159°, 100%, 22%
XYZ	1.6846, 2.8598, 2.1323
YIQ	36.3890, -26.6810, -17.5690

# Conversions

## Conversions Part 2

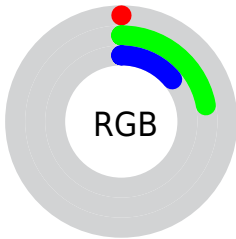
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 33, 55
Decimal	14116
CIELab	19.47, -22.54, 7.25
CIELCh	19, 23.676, 162.163
Yxy	2.8598, 0.2523, 0.4283
Android (android.graphics.Color)	4278204196 (0xFF003724)
YUV	36.3890, -0.1918, -31.9132
Hunter-Lab	16.9108, -11.8120, 4.3618

# Details

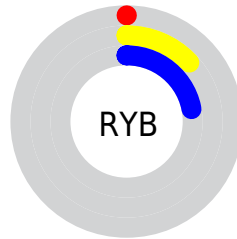
The Hex color **003724** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **370013**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **356651**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003724**, and if you desaturate by 10%, it is **053726**.

# Distribution



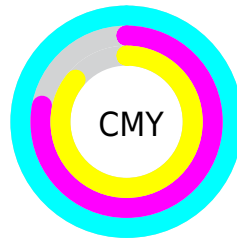
- Red (0%)
- Green (22%)
- Blue (14%)



- Red (0%)
- Yellow (13%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003724 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 003724 by changing the saturation by 10% instead.



 003724

 003724

 EFFFFFF

 00220F

 356651

 000000

 4D8069

 679A82

 81B59C

 9BD1B7

 B7EDD2

 D3FFEF

 003724

■ 053726

■ 0B3728

■ 11372A

■ 16372C

■ 1C372D

■ 21372F

■ 273731

■ 2C3733

■ 323735

# Harmonies

## Analogous

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



1F3514



003724



003836

# Triad

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



003724



1D2F51



4C2419

# Complementary

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



003724



370013

# 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.



4F2029



003724



392849

# Square

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



003724



003450



49223A



412B0D

# Rectangle

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



003724



003741



49223A



4E221E



# Sweetspot

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



003724



324740



133700



17241F



A3A3A3



242424



# Same Dimension

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



003724



00472F



002F37



191C1B



005C3C



00DB90



# Inverse Universe

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



370013



470019



370800



1C191A



5C0020



DB004C



# Previews

## White Background



This preview shows how the Hex color 003724 looks on a white background.

## Color Contrast Check

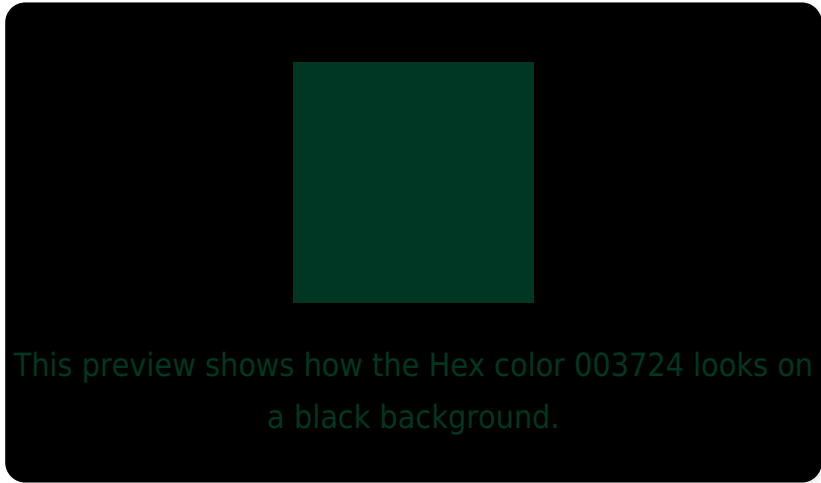
Large Text (above 18pt) WCAG AA ✓ Pass

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

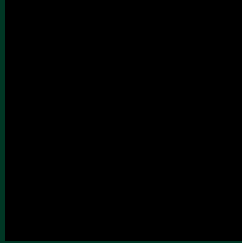
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 003724 Background



This preview shows how black text looks on a background with the Hex color 003724.



This preview shows how white text looks on a background with the Hex color 003724.

# 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](#).

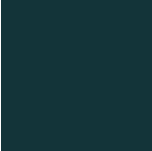
## Dichromacy



**Original Color**  
003724

**Protanopia**  
343021

**Deuteranopia**  
382E26



**Tritanopia**  
133439

# Trichromacy



**Original Color**  
003724

**Protanomaly**  
213322

**Deuteranomaly**  
243125

**Tritanomaly**  
0C3531

# Monochromacy



**Original Color**  
003724

**Achromatopsia**  
242424

**Achromatomaly**  
172B24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003724 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 #003724 looks like.

```
.text, #text, p{  
    color:#003724  
}
```

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 #003724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003724
}
```

## Border

The CSS property to change the border of an element to Hex 003724 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
#003724 }
```

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

```
.border{ border-color:#003724 }
```

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

Here you see how a box with a 4 pixel #003724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003724; -webkit-box-shadow:4px 4px  
4px 4px #003724; box-shadow:4px 4px 4px  
4px #003724 }
```

# Background

The CSS property to change the background color of an element to Hex 003724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003724 }
```

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

```
.background{ background-color:#003724 }
```

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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