

Converting Colors

Hex(004704)

Have a look what the booklet for
Hex(004704) contains.

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Color

Hex(004704)

Conversions

Conversions Part 1

Format	Color
Hex	004704
RGB	0, 71, 4
RGB Percent	0%, 28%, 2%
CMY	1.0000, 0.7216, 0.9843
CMYK	1.00, 0.00, 0.94, 0.72
HSL	123°, 100%, 14%
HSV	123°, 100%, 28%
XYZ	2.2752, 4.5152, 0.8665
YIQ	42.1330, -20.8090, -35.8890

Conversions

Conversions Part 2

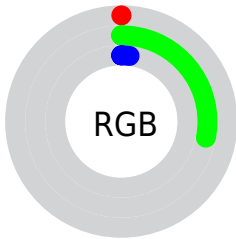
Format	Color
RYB	0, 67, 71
Decimal	18180
CIELab	25.31, -33.95, 31.24
CIELCh	25, 46.132, 137.379
Yxy	4.5152, 0.2971, 0.5897
Android (android.graphics.Color)	4278208260 (0xFF004704)
YUV	42.1330, -18.7996, -36.9506
Hunter-Lab	21.2491, -18.0738, 12.4567

Details

The Hex color **004704** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **470043**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3D7834**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **004704**, and if you desaturate by 10%, it is **07470B**.

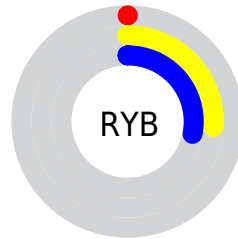
Distribution



Red (0%)

Green (28%)

Blue (2%)



Red (0%)

Yellow (26%)

Blue (28%)

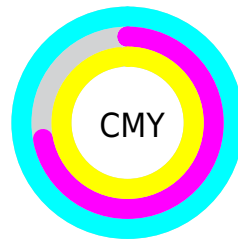


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (72%)



Cyan (100%)

Magenta (72%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004704 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 004704 by changing the saturation by 10% instead.

 004704

 004704

 FCFEC

 003000

 3D7834

 001B00

 57924C

 000000

 71AD65

 8BC97E

 A7E598

 C3FFB4

 DFFFCF

 004704

■ 07470B

■ 0E4711

■ 154718

■ 1C471F

■ 244726

■ 2B472C

■ 324733

■ 39473A

■ 404740

Harmonies

Analogous

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



384000



004704



004A2B

Triad

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



004704



004581



78102A

Complementary

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



004704



470043

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.



72124C



004704



02397F

Square

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



004704



004A6F



56276C



6D2406

Rectangle

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



004704



004B44



56276C



780C35

Sweetspot

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



004704



405C42



434700



1D2E1E



ADADAD



2E2E2E

Same Dimension

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



004704



005C05



004727



202420



006306



00E30D

Inverse Universe

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



470043



5C0057



470020



242023



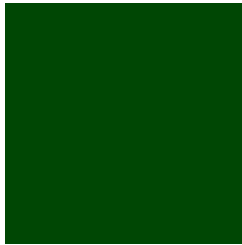
63005E



E300D6

Previews

White Background



This preview shows how the Hex color 004704 looks on a white background.

Color Contrast Check

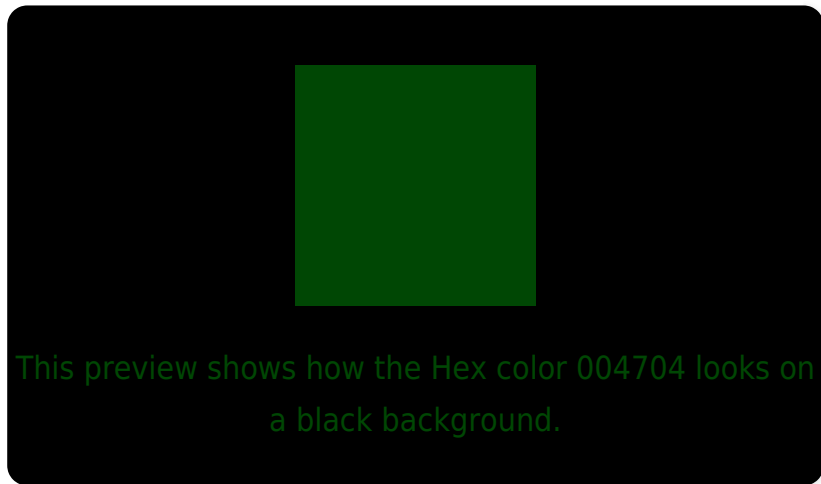
Large Text (above 18pt) WCAG AA ✓ Pass

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 004704 Background



This preview shows how black text looks on a background with the Hex color 004704.



This preview shows how white text looks on a background with the Hex color 004704.

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
004704

Protanopia
443D00

Deuteranopia
4C3A10



Tritanopia
1E4247

Trichromacy



Original Color
004704

Protanomaly
2B4101

Deuteranomaly
303F0C

Tritanomaly
13442F

Monochromacy



Original Color
004704

Achromatopsia
2A2A2A

Achromatomaly
1B351C

CSS Examples

Text

The CSS property to change the color of the text to Hex 004704 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 #004704 looks like.

```
.text, #text, p{  
    color:#004704  
}
```

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 #004704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004704
}
```

Border

The CSS property to change the border of an element to Hex 004704 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
#004704 }
```

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

```
.border{ border-color:#004704 }
```

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

Here you see how a box with a 4 pixel #004704 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004704; -webkit-box-shadow:4px 4px  
4px 4px #004704; box-shadow:4px 4px 4px  
4px #004704 }
```

Background

The CSS property to change the background color of an element to Hex 004704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004704 }
```

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

```
.background{ background-color:#004704 }
```

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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