

Converting Colors

Hex(004624)

Have a look what the booklet for
Hex(004624) contains.

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Color

Hex(004624)

Conversions

Conversions Part 1

Format	Color
Hex	004624
RGB	0, 70, 36
RGB Percent	0%, 27%, 14%
CMY	1.0000, 0.7255, 0.8588
CMYK	1.00, 0.00, 0.49, 0.73
HSL	151°, 100%, 14%
HSV	151°, 100%, 27%
XYZ	2.5086, 4.5077, 2.4069
YIQ	45.1940, -30.8060, -25.4140

Conversions

Conversions Part 2

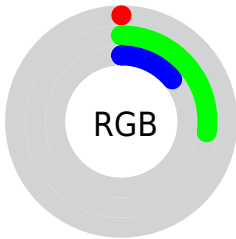
Format	Color
RYB	0, 46, 70
Decimal	17956
CIELab	25.28, -29.08, 15.05
CIELCh	25, 32.741, 152.638
Yxy	4.5077, 0.2662, 0.4784
Android (android.graphics.Color)	4278208036 (0xFF004624)
YUV	45.1940, -4.5326, -39.6351
Hunter-Lab	21.2313, -16.0641, 8.1404

Details

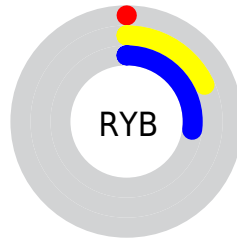
The Hex color **004624** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **460022**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A7751**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **004624**, and if you desaturate by 10%, it is **074627**.

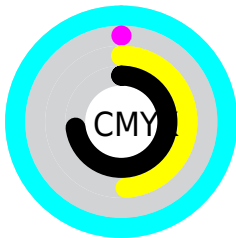
Distribution



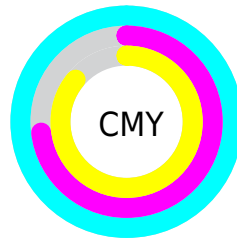
- Red (0%)
- Green (27%)
- Blue (14%)



- Red (0%)
- Yellow (18%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (73%)




- Cyan (100%)
- Magenta (73%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004624 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 004624 by changing the saturation by 10% instead.

 004624

 004624

 F8FFFF

 002F0F

 3A7751

 001B00

 549169

 000000

 6EAC83

 88C79D

 A3E4B8

 BFFFD3

 DCFFF0

 004624

■ 074627

■ 0E462B

■ 15462E

■ 1C4632

■ 234635

■ 2A4638

■ 31463C

■ 38463F

■ 3F4643

Harmonies

Analogous

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



2D420E



004624



00483D

Triad

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



004624



003E6E



662823

Complementary

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



004624



460022

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.



68243B



004624



3F3466

Square

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



004624



004468



5C2A53



5A320F

Rectangle

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



004624



00484E



5C2A53



68262A

Sweetspot

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



004624



405C4E



234600



1D2E26



ADADAD



2E2E2E

Same Dimension

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



004624



005C2F



004646



202422



006333



00E375

Inverse Universe

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



460022



5C002D



460000



242022



630030



E3006E

Previews

White Background



This preview shows how the Hex color 004624 looks on a white background.

Color Contrast Check

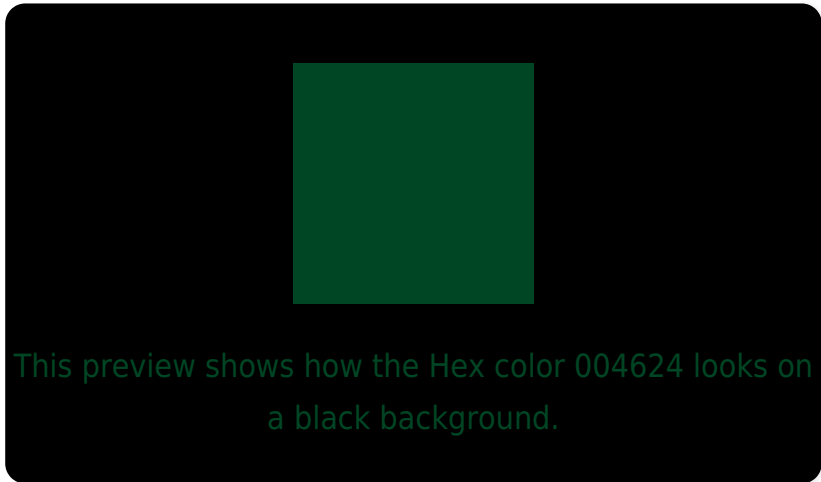
Large Text (above 18pt) WCAG AA ✓ Pass

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

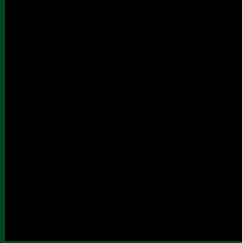
Any Text WCAG AA × Fail

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 004624 Background



This preview shows how black text looks on a background with the Hex color 004624.

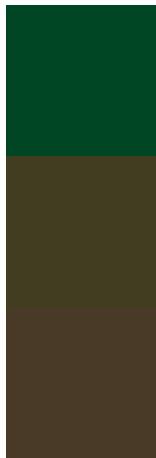


This preview shows how white text looks on a background with the Hex color 004624.

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
004624

Protanopia
423C21

Deuteranopia
493A27



Tritanopia
1B4247

Trichromacy



Original Color
004624

Protanomaly
2A4022

Deuteranomaly
2E3E26

Tritanomaly
11433A

Monochromacy



Original Color
004624

Achromatopsia
2D2D2D

Achromatomaly
1D362A

CSS Examples

Text

The CSS property to change the color of the text to Hex 004624 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 #004624 looks like.

```
.text, #text, p{  
    color:#004624  
}
```

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 #004624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004624
}
```

Border

The CSS property to change the border of an element to Hex 004624 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
#004624 }
```

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

```
.border{ border-color:#004624 }
```

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

Here you see how a box with a 4 pixel #004624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004624; -webkit-box-shadow:4px 4px  
4px 4px #004624; box-shadow:4px 4px 4px  
4px #004624 }
```

Background

The CSS property to change the background color of an element to Hex 004624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004624 }
```

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

```
.background{ background-color:#004624 }
```

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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