

Converting Colors

Hex(007024)

Have a look what the booklet for
Hex(007024) contains.

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Color

Hex(007024)

Conversions

Conversions Part 1

Format	Color
Hex	007024
RGB	0, 112, 36
RGB Percent	0%, 44%, 14%
CMY	1.0000, 0.5608, 0.8588
CMYK	1.00, 0.00, 0.68, 0.56
HSL	139°, 100%, 22%
HSV	139°, 100%, 44%
XYZ	6.1126, 11.7157, 3.6083
YIQ	69.8480, -42.3560, -47.3800

Conversions

Conversions Part 2

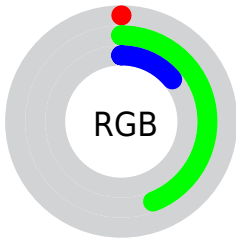
Format	Color
RYB	0, 85, 112
Decimal	28708
CIELab	40.76, -44.33, 33.62
CIELCh	41, 55.642, 142.824
Yxy	11.7157, 0.2851, 0.5465
Android (android.graphics.Color)	4278218788 (0xFF007024)
YUV	69.8480, -16.6871, -61.2567
Hunter-Lab	34.2282, -28.0222, 17.7095

Details

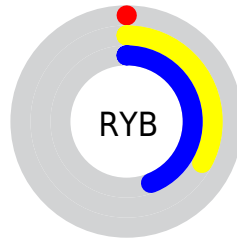
The Hex color **007024** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **70004C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4AA554**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **007024**, and if you desaturate by 10%, it is **0B702C**.

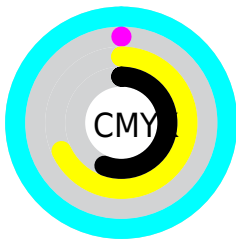
Distribution



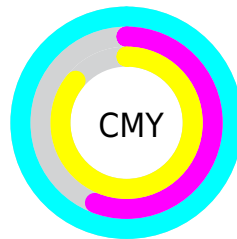
- Red (0%)
- Green (44%)
- Blue (14%)



- Red (0%)
- Yellow (33%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007024 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 007024 by changing the saturation by 10% instead.

 007024

 007024

FFFFFF

 00570B

 4AA554

 003E00

 66C06D

 002900

 82DD87

 000500

 9EFAA2

 000000

 BBFFBD

 D7FFD9

 F5FFF6

 007024

 0B702C

 167033

 22703B

 2D7042

 38704A

 437052

 4E7059

 5A7061

 657068

Harmonies

Analogous

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



536800



007024



007453

Triad

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



007024



0069BB



AF3240

Complementary

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



007024



70004C

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.



AB2E6D



007024



4559B5

Square

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



007024



0072A8



8C4298



9E4615

Rectangle

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



007024



007573



8C4298



B02D4F

Sweetspot

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



007024



669174



4D7000



2F4A38



C9C9C9



4A4A4A

Same Dimension

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



007024



00912F



00705B



323834



007827



00F750

Inverse Universe

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



70004C



910063



700015



383236



780051



F700A8

Previews

White Background



This preview shows how the Hex color 007024 looks on a white background.

Color Contrast Check

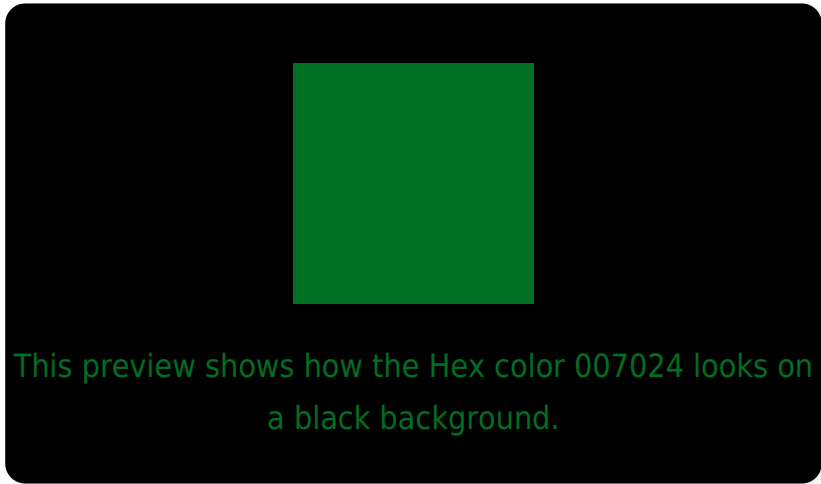
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 007024 Background



This preview shows how black text looks on a background with the Hex color 007024.



This preview shows how white text looks on a background with the Hex color 007024.

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
007024

Protanopia
6B6020

Deuteranopia
775B2B



Tritanopia
2D6971

Trichromacy



Original Color
007024



Protanomaly
446621



Deuteranomaly
4C6328



Tritanomaly
1D6C55

Monochromacy



Original Color
007024



Achromatopsia
464646



Achromatomaly
2D553A

CSS Examples

Text

The CSS property to change the color of the text to Hex 007024 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 #007024 looks like.

```
.text, #text, p{  
    color:#007024  
}
```

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 #007024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007024
}
```

Border

The CSS property to change the border of an element to Hex 007024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

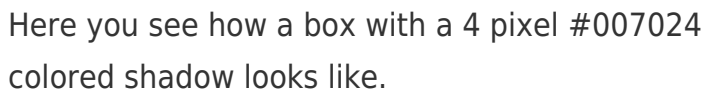
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007024 }
```

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

```
.border{ border-color:#007024 }
```

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



Here you see how a box with a 4 pixel #007024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007024; -webkit-box-shadow:4px 4px  
4px 4px #007024; box-shadow:4px 4px 4px  
4px #007024 }
```

Background

The CSS property to change the background color of an element to Hex 007024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007024 }
```

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

```
.background{ background-color:#007024 }
```

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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