

Converting Colors

Hex(024F06)

Have a look what the booklet for
Hex(024F06) contains.

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Color

Hex(024F06)

Conversions

Conversions Part 1

Format	Color
Hex	024F06
RGB	2, 79, 6
RGB Percent	1%, 31%, 2%
CMY	0.9922, 0.6902, 0.9765
CMYK	0.97, 0.00, 0.92, 0.69
HSL	123°, 95%, 16%
HSV	123°, 97%, 31%
XYZ	2.8539, 5.6180, 1.1063
YIQ	47.6550, -22.4590, -39.0270

Conversions

Conversions Part 2

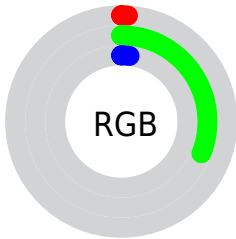
Format	Color
RYB	2, 75, 79
Decimal	151302
CIELab	28.43, -36.09, 33.28
CIELCh	28, 49.094, 137.319
Yxy	5.6180, 0.2980, 0.5865
Android (android.graphics.Color)	4278341382 (0xFF024F06)
YUV	47.6550, -20.5359, -40.0394
Hunter-Lab	23.7024, -19.9868, 13.8244

Details

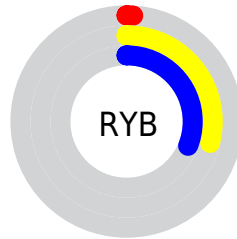
The Hex color **024F06** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4F024B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **418137**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **004F04**, and if you desaturate by 10%, it is **0A4F0D**.

Distribution



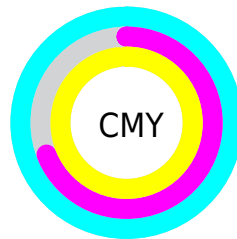
- Red (1%)
- Green (31%)
- Blue (2%)



- Red (1%)
- Yellow (29%)
- Blue (31%)



- Cyan (97%)
- Magenta (0%)
- Yellow (92%)
- Black (69%)



- Cyan (99%)
- Magenta (69%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024F06 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 024F06 by changing the saturation by 10% instead.

 024F06

 024F06

 FFFFF0

 003700

 418137

 002400

 5B9C50

 000000

 75B769

 90D382

 ACEF9D

 C8FFB8

 E5FFD4

 024F06

 024F06

■ 004F04

■ 0A4F0D

■ 124F15

■ 1A4F1C

■ 224F24

■ 294F2B

■ 314F33

■ 394F3A

■ 414F42

■ 494F49

Harmonies

Analogous

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



3F4800



024F06



005231

Triad

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



024F06



004C8E



84142F

Complementary

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



024F06



4F024B

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.



7D1655



024F06



06408C

Square

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



024F06



00527A



5F2D77



78290A

Rectangle

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



024F06



00534C



5F2D77



84103C

Sweetspot

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



024F06



48664A



4B4F02



213322



B3B3B3



333333

Same Dimension

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



024F06



006605



024F2C



222623



00E60C

Inverse Universe

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



4F024B



660061



4F0225



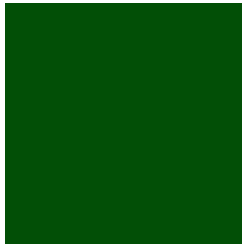
262226



E600DA

Previews

White Background



This preview shows how the Hex color 024F06 looks on a white background.

Color Contrast Check

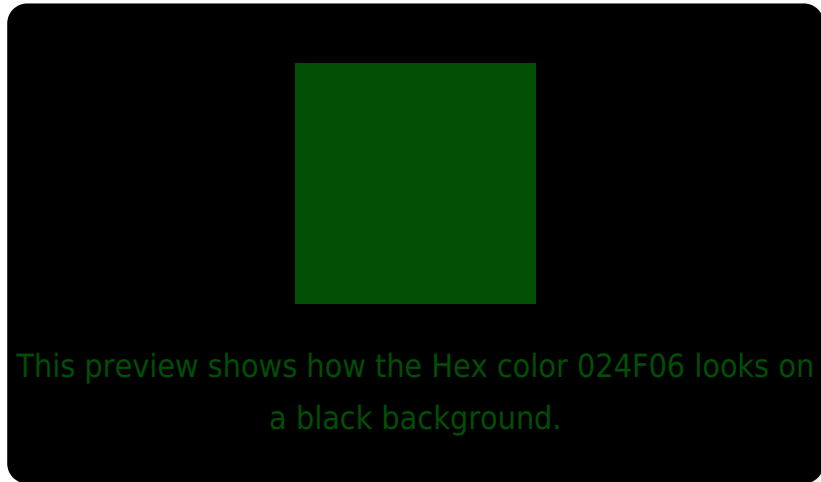
Large Text (above 18pt) WCAG AA ✓ Pass

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

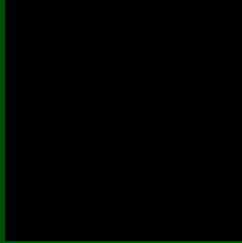
Any Text WCAG AA × Fail

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 024F06 Background



This preview shows how black text looks on a background with the Hex color 024F06.



This preview shows how white text looks on a background with the Hex color 024F06.

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](#).

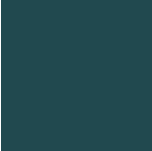
Dichromacy



Original Color
024F06

Protanopia
4C4400

Deuteranopia
554012



Tritanopia
21494F

Trichromacy



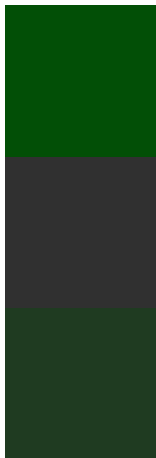
Original Color
024F06

Protanomaly
314802

Deuteranomaly
37450E

Tritanomaly
164B34

Monochromacy



Original Color
024F06

Achromatopsia
303030

Achromatomaly
1F3B21

CSS Examples

Text

The CSS property to change the color of the text to Hex 024F06 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 #024F06 looks like.

```
.text, #text, p{  
    color:#024F06  
}
```

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 #024F06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024F06
}
```

Border

The CSS property to change the border of an element to Hex 024F06 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
#024F06 }
```

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

```
.border{ border-color:#024F06 }
```

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

Here you see how a box with a 4 pixel #024F06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024F06; -webkit-box-shadow:4px 4px  
4px 4px #024F06; box-shadow:4px 4px 4px  
4px #024F06 }
```

Background

The CSS property to change the background color of an element to Hex 024F06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024F06 }
```

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

```
.background{ background-color:#024F06 }
```

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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