

Converting Colors

Hex(074228)

Have a look what the booklet for
Hex(074228) contains.

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Color

Hex(074228)

Conversions

Conversions Part 1

Format	Color
Hex	074228
RGB	7, 66, 40
RGB Percent	3%, 26%, 16%
CMY	0.9725, 0.7412, 0.8431
CMYK	0.89, 0.00, 0.39, 0.74
HSL	154°, 81%, 14%
HSV	154°, 89%, 26%
XYZ	2.4188, 4.0948, 2.6704
YIQ	45.3950, -26.8180, -20.5940

Conversions

Conversions Part 2

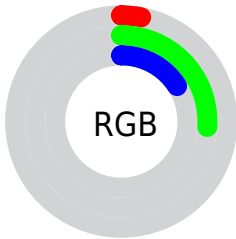
Format	Color
RYB	7, 45, 66
Decimal	475688
CIELab	23.98, -25.27, 10.83
CIELCh	24, 27.489, 156.804
Yxy	4.0948, 0.2634, 0.4459
Android (android.graphics.Color)	4278665768 (0xFF074228)
YUV	45.3950, -2.6597, -33.6724
Hunter-Lab	20.2356, -14.0755, 6.3408

Details

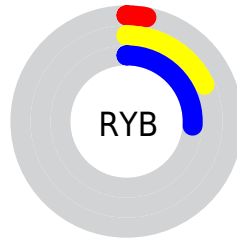
The Hex color **074228** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **420721**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3D7355**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **004225**, and if you desaturate by 10%, it is **0E422B**.

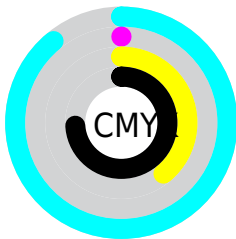
Distribution



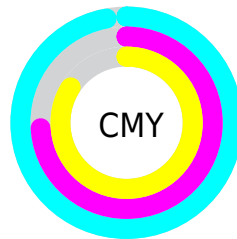
- Red (3%)
- Green (26%)
- Blue (16%)



- Red (3%)
- Yellow (18%)
- Blue (26%)



- Cyan (89%)
- Magenta (0%)
- Yellow (39%)
- Black (74%)



- Cyan (97%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 074228 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 074228 by changing the saturation by 10% instead.

 074228

 074228

 FAFFFF

 002B14

 3D7355

 001600

 568C6E

 000000

 6FA787

 8AC2A1

 A5DEBC

 C0FBD8

 DDFFF4

 074228

 074228

■ 004225

■ 0E422B

■ 14422E

■ 1B4231

■ 214234

■ 284237

■ 2F4239

■ 35423C

■ 3C423F

■ 424242

Harmonies

Analogous

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



2A3F16



074228



00433D

Triad

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



074228



193A62



5C2A21

Complementary

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



074228



420721

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.



5F2635



074228



40325A

Square

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



074228



00405F



562A4A



513212

Rectangle

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



074228



00434B



562A4A



5E2828

Sweetspot

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



074228



3F574C



224207



1D2B25



ABABAB



2B2B2B

Same Dimension

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



074228



005730



073F42



1E2120



006136



00E07E

Inverse Universe

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



420721



570026



420A07



211E1F



61002B



E00063

Previews

White Background



This preview shows how the Hex color 074228 looks on a white background.

Color Contrast Check

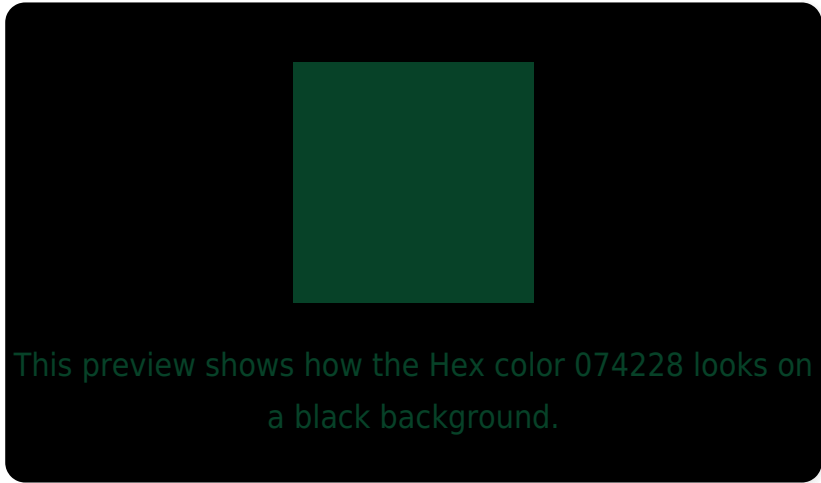
Large Text (above 18pt) WCAG AA ✓ Pass

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

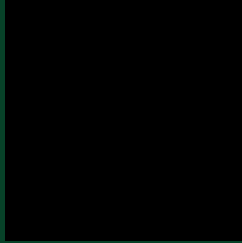
Any Text WCAG AA × Fail

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 074228 Background



This preview shows how black text looks on a background with the Hex color 074228.



This preview shows how white text looks on a background with the Hex color 074228.

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](#).

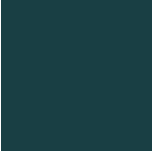
Dichromacy



Original Color
074228

Protanopia
3E3924

Deuteranopia
44372B



Tritanopia
193F44

Trichromacy



Original Color
074228

Protanomaly
2A3C25

Deuteranomaly
2E3B2A

Tritanomaly
12403A

Monochromacy



Original Color
074228

Achromatopsia
2D2D2D

Achromatomaly
1F352B

CSS Examples

Text

The CSS property to change the color of the text to Hex 074228 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 #074228 looks like.

```
.text, #text, p{  
    color:#074228  
}
```

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 #074228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074228
}
```

Border

The CSS property to change the border of an element to Hex 074228 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
#074228 }
```

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

```
.border{ border-color:#074228 }
```

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

Here you see how a box with a 4 pixel #074228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074228; -webkit-box-shadow:4px 4px  
4px 4px #074228; box-shadow:4px 4px 4px  
4px #074228 }
```

Background

The CSS property to change the background color of an element to Hex 074228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074228 }
```

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

```
.background{ background-color:#074228 }
```

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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