

Converting Colors

Hex(02741A)

Have a look what the booklet for
Hex(02741A) contains.

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Color

Hex(02741A)

Conversions

Conversions Part 1

Format	Color
Hex	02741A
RGB	2, 116, 26
RGB Percent	1%, 45%, 10%
CMY	0.9922, 0.5451, 0.8980
CMYK	0.98, 0.00, 0.78, 0.55
HSL	133°, 97%, 23%
HSV	133°, 98%, 45%
XYZ	6.4569, 12.5783, 3.0648
YIQ	71.6540, -39.0540, -52.1580

Conversions

Conversions Part 2

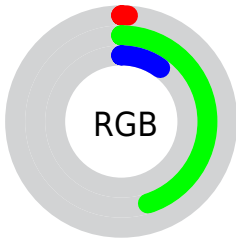
Format	Color
RYB	2, 96, 116
Decimal	160794
CIELab	42.12, -46.50, 39.37
CIELCh	42, 60.932, 139.749
Yxy	12.5783, 0.2922, 0.5692
Android (android.graphics.Color)	4278350874 (0xFF02741A)
YUV	71.6540, -22.5074, -61.0866
Hunter-Lab	35.4659, -29.5677, 19.7025

Details

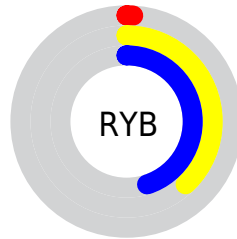
The Hex color **02741A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **74025C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4DA94C**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **007418**, and if you desaturate by 10%, it is **0E7423**.

Distribution



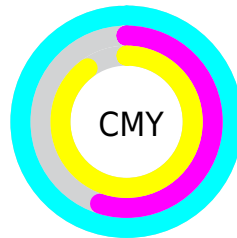
- Red (1%)
- Green (45%)
- Blue (10%)



- Red (1%)
- Yellow (38%)
- Blue (45%)



- Cyan (98%)
- Magenta (0%)
- Yellow (78%)
- Black (55%)



- Cyan (99%)
- Magenta (55%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02741A 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 02741A by changing the saturation by 10% instead.



02741A



02741A

FFFFFF



005B00



4DA94C



004200



69C565



002C00



85E17F



000E00



A2FE9A



000000



BEFFB5



DBFFD1



F9FFEE



02741A



02741A

■ 007418

■ 0E7423

■ 19742C

■ 257435

■ 30743F

■ 3C7448

■ 487451

■ 53745A

■ 5F7463

■ 6A746C

Harmonies

Analogous

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



596B00



02741A



007850

Triad

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



02741A



006FC7



BA2B45

Complementary

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



02741A



74025C

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.



B32A77



02741A



325EC3

Square

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



02741A



0077B0



8D44A5



A94414

Rectangle

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



02741A



007973



8D44A5



BB2655

Sweetspot

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



02741A



6B9674



5D7402



324D37



CCCCCC



4D4D4D

Same Dimension

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



02741A



009620



027452



353B36



007A1A



00FA35

Inverse Universe

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



74025C



960077



740224



3B3539



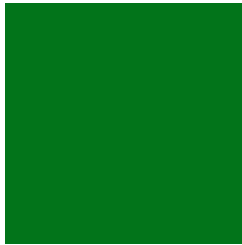
7A0061



FA00C5

Previews

White Background



This preview shows how the Hex color 02741A looks on a white background.

Color Contrast Check

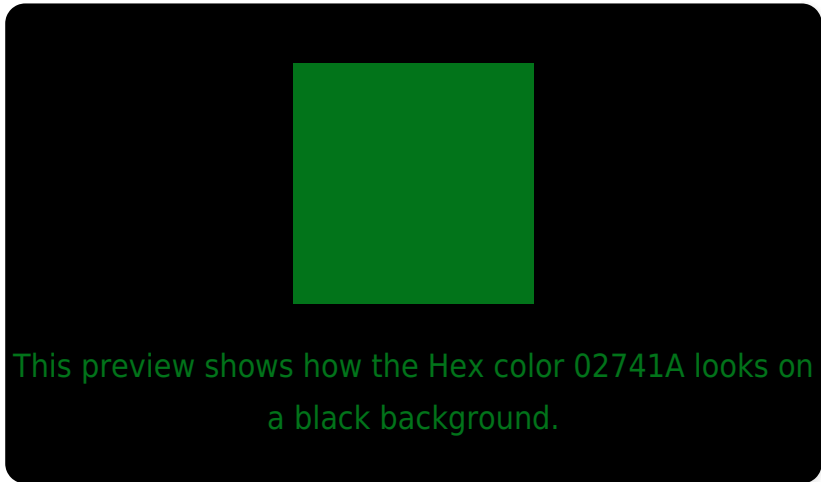
Large Text (above 18pt) WCAG AA ✓ Pass

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 02741A Background



This preview shows how black text looks on a background with the Hex color 02741A.



This preview shows how white text looks on a background with the Hex color 02741A.

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
02741A

Protanopia
706316

Deuteranopia
7C5E23



Tritanopia
306C75

Trichromacy



Original Color
02741A



Protanomaly
486917



Deuteranomaly
506620

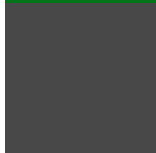


Tritanomaly
1F6F54

Monochromacy



Original Color
02741A



Achromatopsia
484848



Achromatomaly
2F5837

CSS Examples

Text

The CSS property to change the color of the text to Hex 02741A 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 #02741A looks like.

```
.text, #text, p{  
    color:#02741A  
}
```

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 #02741A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02741A
}
```

Border

The CSS property to change the border of an element to Hex 02741A 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".

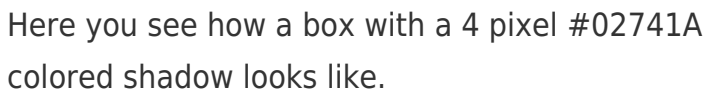
```
.border, #border, table{ border:4px solid
#02741A }
```

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

```
.border{ border-color:#02741A }
```

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

Here you see how a box with a 4 pixel #02741A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02741A; -webkit-box-shadow:4px 4px  
4px 4px #02741A; box-shadow:4px 4px 4px  
4px #02741A }
```

Background

The CSS property to change the background color of an element to Hex 02741A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02741A }
```

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

```
.background{ background-color:#02741A }
```

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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