

Converting Colors

Hex(044A2C)

Have a look what the booklet for
Hex(044A2C) contains.

Hex(044A2C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(044A2C)

Conversions

Conversions Part 1

Format	Color
Hex	044A2C
RGB	4, 74, 44
RGB Percent	2%, 29%, 17%
CMY	0.9843, 0.7098, 0.8275
CMYK	0.95, 0.00, 0.41, 0.71
HSL	154°, 90%, 15%
HSV	154°, 95%, 29%
XYZ	2.9535, 5.1052, 3.2126
YIQ	49.6500, -32.0900, -24.1700

Conversions

Conversions Part 2

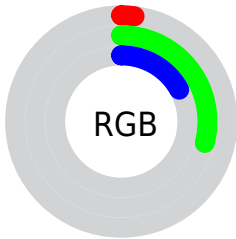
Format	Color
R_{YB}	4, 49, 74
Decimal	281132
CIE _{Lab}	27.03, -28.29, 12.39
CIE _{LCh}	27, 30.886, 156.344
Yxy	5.1052, 0.2620, 0.4529
Android (android.graphics.Color)	4278471212 (0xFF044A2C)
YUV	49.6500, -2.7854, -40.0350
Hunter-Lab	22.5947, -16.2081, 7.3862

Details

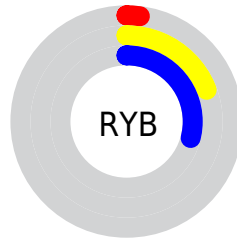
The Hex color **044A2C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4A0422**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **3E7B5A**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **004A2A**, and if you desaturate by 10%, it is **0B4A2F**.

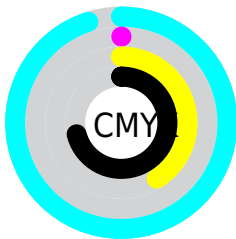
Distribution



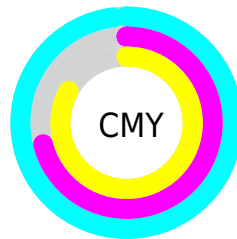
- Red (2%)
- Green (29%)
- Blue (17%)



- Red (2%)
- Yellow (19%)
- Blue (29%)



- Cyan (95%)
- Magenta (0%)
- Yellow (41%)
- Black (71%)



- Cyan (98%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044A2C 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 044A2C by changing the saturation by 10% instead.

 044A2C

 044A2C

 FDFFFF

 003317

 3E7B5A

 002000

 589672

 000000

 72B08C

 8CCCA6

 A7E8C2

 C3FFDD

 E0FFFA

 044A2C

 044A2C

■ 004A2A

■ 0B4A2F

■ 134A32

■ 1A4A36

■ 224A39

■ 294A3C

■ 304A3F

■ 384A42

■ 3F4A45

■ 474A49

Harmonies

Analogous

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



2F4617



044A2C



004B44

Triad

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



044A2C



18416F



682F25

Complementary

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



044A2C



4A0422

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.



6B2A3C



044A2C



483866

Square

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



044A2C



00476B



602E53



5C3814

Rectangle

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



044A2C



004B54



602E53



6A2C2C

Sweetspot

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



044A2C



466155



224A04



203029



B0B0B0



303030

Same Dimension

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



044A2C



006137



04454A



222625



00663A



00E683

Inverse Universe

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



4A0422



61002A



4A0904



262224



66002C



E60062

Previews

White Background



This preview shows how the Hex color 044A2C looks on a white background.

Color Contrast Check

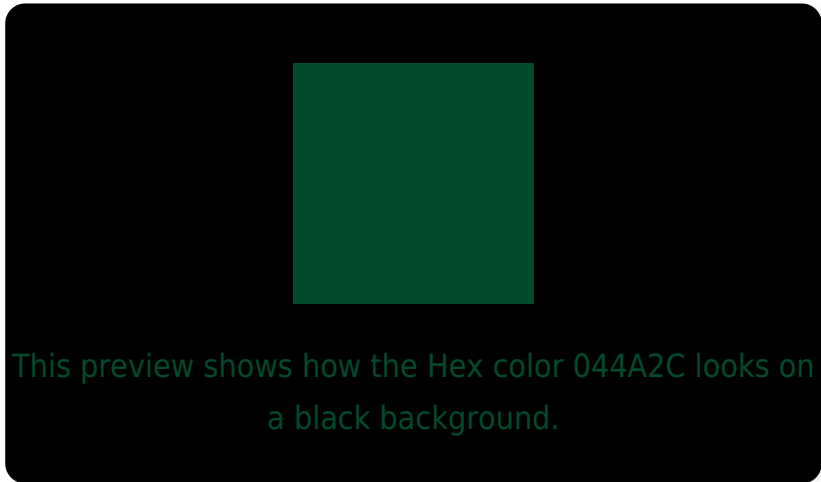
Large Text (above 18pt) WCAG AA ✓ Pass

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

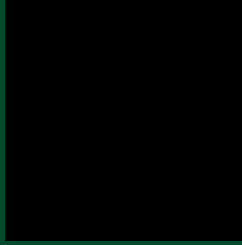
Any Text WCAG AA × Fail

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 044A2C Background



This preview shows how black text looks on a background with the Hex color 044A2C.



This preview shows how white text looks on a background with the Hex color 044A2C.

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](#).

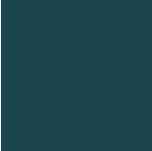
Dichromacy



Original Color
044A2C

Protanopia
464028

Deuteranopia
4C3D2F



Tritanopia
1B464C

Trichromacy



Original Color
044A2C

Protanomaly
2E4429

Deuteranomaly
32422E

Tritanomaly
134740

Monochromacy



Original Color
044A2C

Achromatopsia
323232

Achromatomaly
213B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 044A2C 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 #044A2C looks like.

```
.text, #text, p{  
    color:#044A2C  
}
```

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 #044A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044A2C
}
```

Border

The CSS property to change the border of an element to Hex 044A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

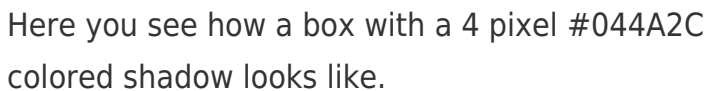
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#044A2C }
```

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

```
.border{ border-color:#044A2C }
```

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



Here you see how a box with a 4 pixel #044A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044A2C; -webkit-box-shadow:4px 4px  
4px 4px #044A2C; box-shadow:4px 4px 4px  
4px #044A2C }
```

Background

The CSS property to change the background color of an element to Hex 044A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044A2C }
```

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

```
.background{ background-color:#044A2C }
```

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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