

Converting Colors

Hex(042B09)

Have a look what the booklet for
Hex(042B09) contains.

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Color

Hex(042B09)

Conversions

Conversions Part 1

Format	Color
Hex	042B09
RGB	4, 43, 9
RGB Percent	2%, 17%, 4%
CMY	0.9843, 0.8314, 0.9647
CMYK	0.91, 0.00, 0.79, 0.83
HSL	128°, 83%, 9%
HSV	128°, 91%, 17%
XYZ	0.9633, 1.7733, 0.5500
YIQ	27.4630, -12.3300, -18.8420

Conversions

Conversions Part 2

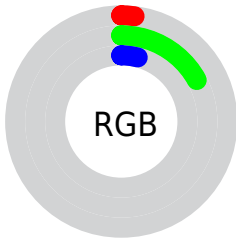
Format	Color
RYB	4, 39, 43
Decimal	273161
CIELab	14.25, -22.18, 16.70
CIELCh	14, 27.768, 143.024
Yxy	1.7733, 0.2931, 0.5396
Android (android.graphics.Color)	4278463241 (0xFF042B09)
YUV	27.4630, -9.1023, -20.5771
Hunter-Lab	13.3165, -10.3920, 6.8729

Details

The Hex color **042B09** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B0426**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **335935**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002B06**, and if you desaturate by 10%, it is **082B0D**.

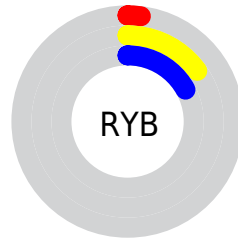
Distribution



Red (2%)

Green (17%)

Blue (4%)



Red (2%)

Yellow (15%)

Blue (17%)

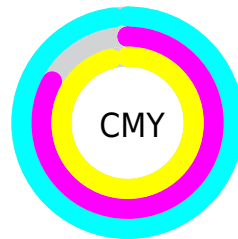


Cyan (91%)

Magenta (0%)

Yellow (79%)

Black (83%)



Cyan (98%)

Magenta (83%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042B09 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 042B09 by changing the saturation by 10% instead.

 042B09

 042B09

 EAFFEA

 001700

 335935

 000000

 4B724C

 638C64

 7DA67D

 97C197

 B2DDB2

 CEFACE

 042B09

 042B09

■ 002B06

■ 082B0D

■ 0D2B10

■ 112B14

■ 152B18

■ 192B1C

■ 1E2B1F

■ 222B23

■ 262B27

■ 2B2B2B

Harmonies

Analogous

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



202700



042B09



002D1F

Triad

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



042B09



00284B



461116

Complementary

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



042B09



2B0426

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.



44102A



042B09



1A2148

Square

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



042B09



002C43



37183C



3F1900

Rectangle

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



042B09



002D2C



37183C



47101C

Sweetspot

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



042B09



29382B



262B04



131C14



9C9C9C



1C1C1C

Same Dimension

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



042B09



003807



042B1C



121413



00540B



00D41B

Inverse Universe

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



2B0426



380031



2B0413



141214



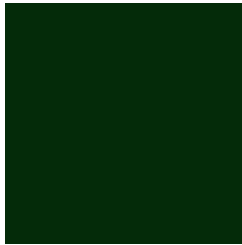
540049



D400B9

Previews

White Background



This preview shows how the Hex color 042B09 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

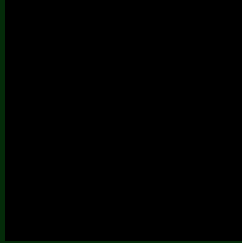
Any Text WCAG AA × Fail

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 042B09 Background



This preview shows how black text looks on a background with the Hex color 042B09.



This preview shows how white text looks on a background with the Hex color 042B09.

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
042B09

Protanopia
292507

Deuteranopia
2E230D



Tritanopia
12282B

Trichromacy



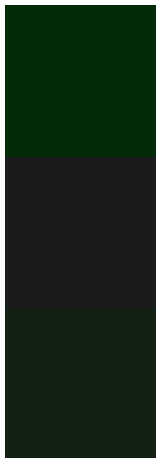
Original Color
042B09

Protanomaly
1C2708

Deuteranomaly
1F260C

Tritanomaly
0D291F

Monochromacy



Original Color
042B09

Achromatopsia
1B1B1B

Achromatomaly
132114

CSS Examples

Text

The CSS property to change the color of the text to Hex 042B09 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 #042B09 looks like.

```
.text, #text, p{  
    color:#042B09  
}
```

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 #042B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042B09
}
```

Border

The CSS property to change the border of an element to Hex 042B09 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".

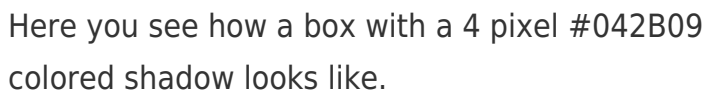
```
.border, #border, table{ border:4px solid
#042B09 }
```

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

```
.border{ border-color:#042B09 }
```

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

Here you see how a box with a 4 pixel #042B09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042B09; -webkit-box-shadow:4px 4px  
4px 4px #042B09; box-shadow:4px 4px 4px  
4px #042B09 }
```

Background

The CSS property to change the background color of an element to Hex 042B09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042B09 }
```

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

```
.background{ background-color:#042B09 }
```

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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