

Converting Colors

Hex(024B17)

Have a look what the booklet for
Hex(024B17) contains.

Hex(024B17)	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(024B17)

Conversions

Conversions Part 1

Format	Color
Hex	024B17
RGB	2, 75, 23
RGB Percent	1%, 29%, 9%
CMY	0.9922, 0.7059, 0.9098
CMYK	0.97, 0.00, 0.69, 0.71
HSL	137°, 95%, 15%
HSV	137°, 97%, 29%
XYZ	2.6958, 5.1069, 1.6543
YIQ	47.2450, -26.8160, -31.6480

Conversions

Conversions Part 2

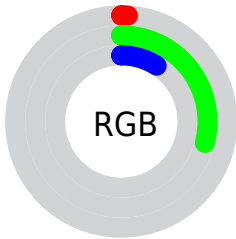
Format	Color
RYB	2, 59, 75
Decimal	150295
CIELab	27.04, -33.02, 24.67
CIELCh	27, 41.219, 143.242
Yxy	5.1069, 0.2851, 0.5400
Android (android.graphics.Color)	4278340375 (0xFF024B17)
YUV	47.2450, -11.9528, -39.6799
Hunter-Lab	22.5985, -18.2542, 11.4788

Details

The Hex color **024B17** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B0236**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3E7D44**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **004B16**, and if you desaturate by 10%, it is **0A4B1C**.

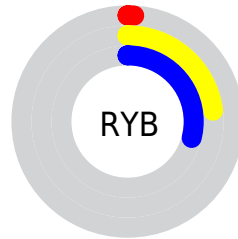
Distribution



Red (1%)

Green (29%)

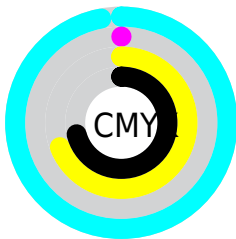
Blue (9%)



Red (1%)

Yellow (23%)

Blue (29%)

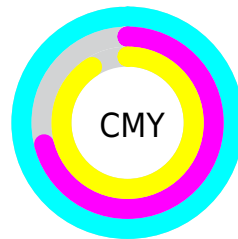


Cyan (97%)

Magenta (0%)

Yellow (69%)

Black (71%)



Cyan (99%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024B17 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 024B17 by changing the saturation by 10% instead.



024B17



024B17

FEFFFE



003400



3E7D44



002000



58975C



000000



72B275



8DCE8F



A8EAAA



C4FFC5



E1FFE1



024B17



024B17

■ 004B16

■ 0A4B1C

■ 114B22

■ 194B27

■ 204B2C

■ 284B32

■ 2F4B37

■ 374B3C

■ 3E4B42

■ 464B47

Harmonies

Analogous

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



374500



024B17



004E37

Triad

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



024B17



00467F



772029

Complementary

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



024B17



4B0236

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.



741E48



024B17



2F3B7A

Square

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



024B17



004C72



5E2B66



6A2E0C

Rectangle

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



024B17



004E4D



5E2B66



771E33

Sweetspot

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



024B17



45614D



364B02



1F3024



B0B0B0



303030

Same Dimension

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



024B17



00611C



024B3B



222624



00661D



00E642

Inverse Universe

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



4B0236



610045



4B0212



262225



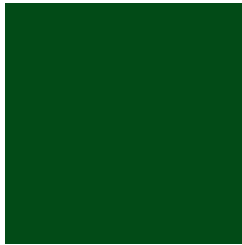
660049



E600A3

Previews

White Background



This preview shows how the Hex color 024B17 looks on a white background.

Color Contrast Check

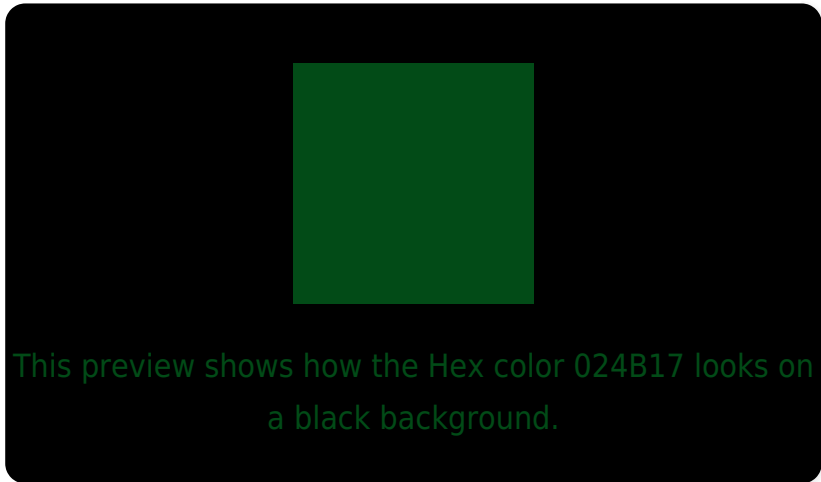
Large Text (above 18pt) WCAG AA ✓ Pass

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

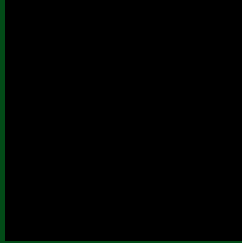
Any Text WCAG AA × Fail

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 024B17 Background



This preview shows how black text looks on a background with the Hex color 024B17.



This preview shows how white text looks on a background with the Hex color 024B17.

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](#).

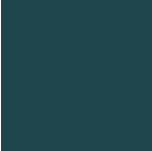
Dichromacy



Original Color
024B17

Protanopia
484014

Deuteranopia
503D1C



Tritanopia
1F464C

Trichromacy



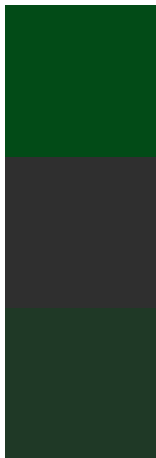
Original Color
024B17

Protanomaly
2F4415

Deuteranomaly
34421A

Tritanomaly
144839

Monochromacy



Original Color
024B17

Achromatopsia
2F2F2F

Achromatomaly
1F3926

CSS Examples

Text

The CSS property to change the color of the text to Hex 024B17 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 #024B17 looks like.

```
.text, #text, p{  
    color:#024B17  
}
```

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 #024B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024B17
}
```

Border

The CSS property to change the border of an element to Hex 024B17 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
#024B17 }
```

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

```
.border{ border-color:#024B17 }
```

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

Here you see how a box with a 4 pixel #024B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024B17; -webkit-box-shadow:4px 4px  
4px 4px #024B17; box-shadow:4px 4px 4px  
4px #024B17 }
```

Background

The CSS property to change the background color of an element to Hex 024B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024B17 }
```

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

```
.background{ background-color:#024B17 }
```

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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