

Converting Colors

Hex(004B23)

Have a look what the booklet for
Hex(004B23) contains.

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Color

Hex(004B23)

Conversions

Conversions Part 1

Format	Color
Hex	004B23
RGB	0, 75, 35
RGB Percent	0%, 29%, 14%
CMY	1.0000, 0.7059, 0.8627
CMYK	1.00, 0.00, 0.53, 0.71
HSL	148°, 100%, 15%
HSV	148°, 100%, 29%
XYZ	2.8195, 5.1535, 2.4362
YIQ	48.0150, -31.8600, -28.3400

Conversions

Conversions Part 2

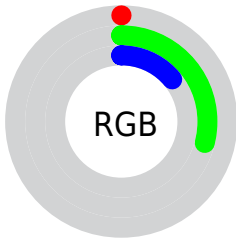
Format	Color
RYB	0, 51, 75
Decimal	19235
CIELab	27.17, -31.29, 18.07
CIELCh	27, 36.132, 149.993
Yxy	5.1535, 0.2709, 0.4951
Android (android.graphics.Color)	4278209315 (0xFF004B23)
YUV	48.0150, -6.4164, -42.1092
Hunter-Lab	22.7013, -17.5581, 9.5281

Details

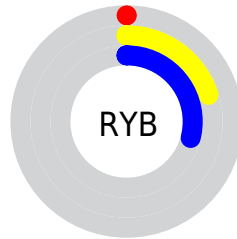
The Hex color **004B23** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B0028**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **3C7D50**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **004B23**, and if you desaturate by 10%, it is **074B27**.

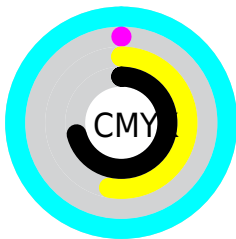
Distribution



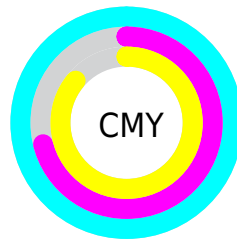
- Red (0%)
- Green (29%)
- Blue (14%)



- Red (0%)
- Yellow (20%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B23 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 004B23 by changing the saturation by 10% instead.

 004B23

 004B23

 FCFFFF

 00340E

 3C7D50

 002100

 569769

 000000

 70B282

 8BCE9C

 A6EAB7

 C2FFD3

 DFFFEF

 004B23

■ 074B27

■ 0F4B2B

■ 174B2F

■ 1E4B33

■ 264B37

■ 2D4B3B

■ 354B3F

■ 3C4B43

■ 444B47

Harmonies

Analogous

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



32470A



004B23



004D3F

Triad

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



004B23



004378



702926

Complementary

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



004B23



4B0028

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.



702541



004B23



3F3970

Square

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



004B23



004A70



612C5C



63340F

Rectangle

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



004B23



004D52



612C5C



72262F

Sweetspot

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



004B23



446151



284B00



1F3027



B0B0B0



303030

Same Dimension

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



004B23



00612D



004B49



222624



006630



00E66B

Inverse Universe

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



4B0028



610034



4B0002



262224



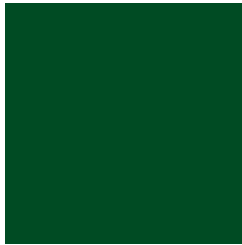
660036



E6007A

Previews

White Background



This preview shows how the Hex color 004B23 looks on a white background.

Color Contrast Check

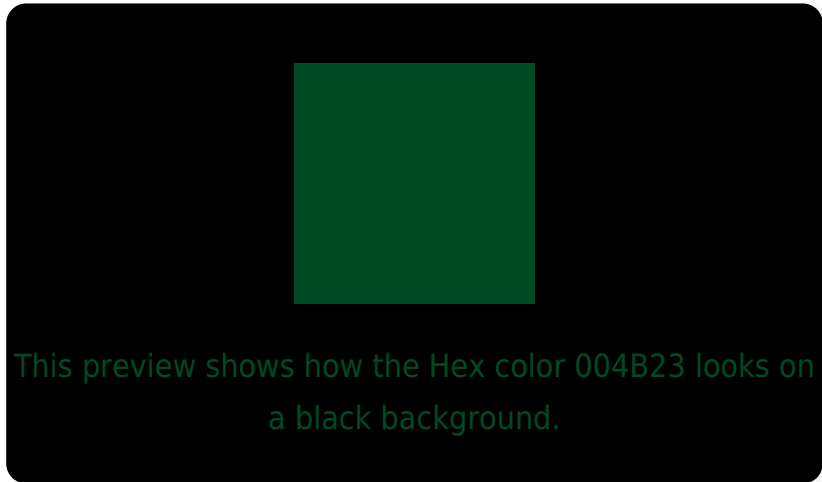
Large Text (above 18pt) WCAG AA ✓ Pass

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

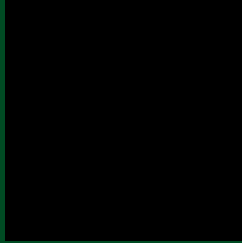
Any Text WCAG AA × Fail

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 004B23 Background



This preview shows how black text looks on a background with the Hex color 004B23.



This preview shows how white text looks on a background with the Hex color 004B23.

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](#).

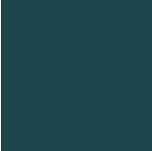
Dichromacy



Original Color
004B23

Protanopia
474120

Deuteranopia
4E3E26



Tritanopia
1D474C

Trichromacy



Original Color
004B23

Protanomaly
2D4521

Deuteranomaly
324325

Tritanomaly
12483D

Monochromacy



Original Color
004B23

Achromatopsia
303030

Achromatomaly
1F3A2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B23 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 #004B23 looks like.

```
.text, #text, p{  
    color:#004B23  
}
```

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 #004B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B23
}
```

Border

The CSS property to change the border of an element to Hex 004B23 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
#004B23 }
```

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

```
.border{ border-color:#004B23 }
```

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

Here you see how a box with a 4 pixel #004B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B23; -webkit-box-shadow:4px 4px  
4px 4px #004B23; box-shadow:4px 4px 4px  
4px #004B23 }
```

Background

The CSS property to change the background color of an element to Hex 004B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B23 }
```

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

```
.background{ background-color:#004B23 }
```

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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