

Converting Colors

Hex(023300)

Have a look what the booklet for
Hex(023300) contains.

Hex(023300)	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(023300)

Conversions

Conversions Part 1

Format	Color
Hex	023300
RGB	2, 51, 0
RGB Percent	1%, 20%, 0%
CMY	0.9922, 0.8000, 1.0000
CMYK	0.96, 0.00, 1.00, 0.80
HSL	118°, 100%, 10%
HSV	118°, 100%, 20%
XYZ	1.2089, 2.3806, 0.3958
YIQ	30.5350, -12.8330, -26.2490

Conversions

Conversions Part 2

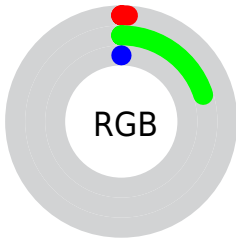
Format	Color
RYB	0, 51, 49
Decimal	144128
CIELab	17.37, -27.12, 24.29
CIELCh	17, 36.407, 138.157
Yxy	2.3806, 0.3033, 0.5973
Android (android.graphics.Color)	4278334208 (0xFF023300)
YUV	30.5350, -15.0538, -25.0252
Hunter-Lab	15.4291, -13.0154, 9.2795

Details

The Hex color **023300** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **310033**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **35622F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **023300**, and if you desaturate by 10%, it is **073305**.

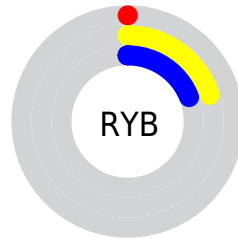
Distribution



Red (1%)

Green (20%)

Blue (0%)



Red (0%)

Yellow (20%)

Blue (19%)

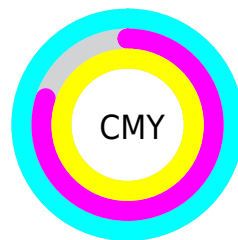


Cyan (96%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (99%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023300 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 023300 by changing the saturation by 10% instead.

 023300

 023300

 EFFF E3

 002000

 35622F

 000000

 4D7B46

 66955E

 80B077

 9BCC91

 B6E8AC

 D2FFC7

 023300

■ 073305

■ 0C330A

■ 11330F

■ 163314

■ 1A331A

■ 1F331F

■ 243324

■ 293329

■ 2E332E

Harmonies

Analogous

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



272E00



023300



00351F

Triad

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



023300



00315E



580B1C

Complementary

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



023300



310033

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.



530C36



023300



08285D

Square

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



023300



003551



3F1B4E



501900

Rectangle

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



023300



003631



3F1B4E



580925

Sweetspot

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



023300



2F422E



333000



162115



A1A1A1



212121

Same Dimension

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



023300



034200



003317



171A17



035900



08D900

Inverse Universe

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



310033



400042



33001C



19171A



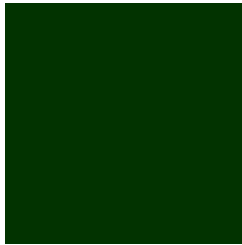
560059



D000D9

Previews

White Background



This preview shows how the Hex color 023300 looks on a white background.

Color Contrast Check

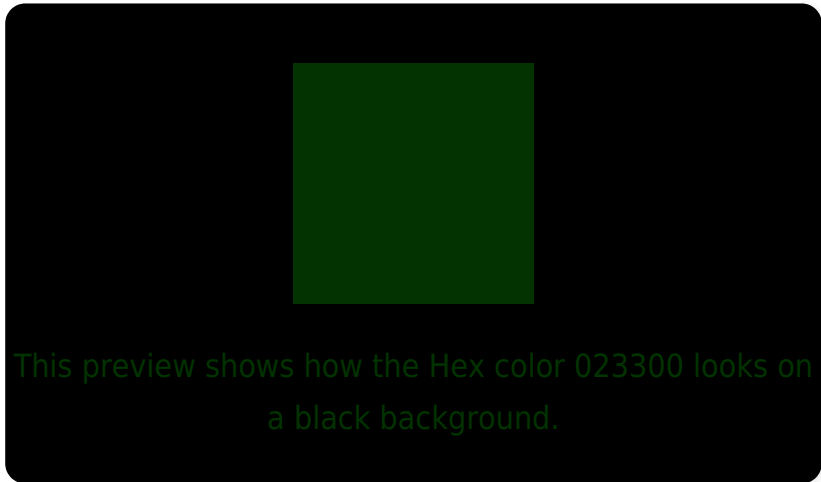
Large Text (above 18pt) WCAG AA ✓ Pass

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

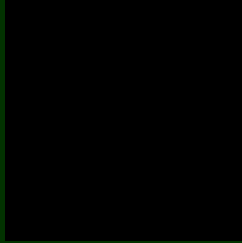
Any Text WCAG AA × Fail

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 023300 Background



This preview shows how black text looks on a background with the Hex color 023300.



This preview shows how white text looks on a background with the Hex color 023300.

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
023300

Protanopia
312C00

Deuteranopia
37290B



Tritanopia
152F33

Trichromacy



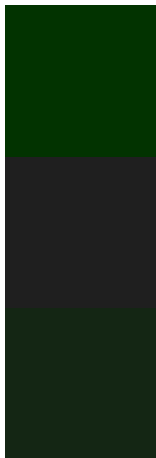
Original Color
023300

Protanomaly
202F00

Deuteranomaly
242D07

Tritanomaly
0E3020

Monochromacy



Original Color
023300

Achromatopsia
1F1F1F

Achromatomaly
142614

CSS Examples

Text

The CSS property to change the color of the text to Hex 023300 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 #023300 looks like.

```
.text, #text, p{  
    color:#023300  
}
```

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 #023300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023300
}
```

Border

The CSS property to change the border of an element to Hex 023300 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
#023300 }
```

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

```
.border{ border-color:#023300 }
```

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

Here you see how a box with a 4 pixel #023300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023300; -webkit-box-shadow:4px 4px  
4px 4px #023300; box-shadow:4px 4px 4px  
4px #023300 }
```

Background

The CSS property to change the background color of an element to Hex 023300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023300 }
```

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

```
.background{ background-color:#023300 }
```

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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