

Converting Colors

Hex(023702)

Have a look what the booklet for
Hex(023702) contains.

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Color

Hex(023702)

Conversions

Conversions Part 1

Format	Color
Hex	023702
RGB	2, 55, 2
RGB Percent	1%, 22%, 1%
CMY	0.9922, 0.7843, 0.9922
CMYK	0.96, 0.00, 0.96, 0.78
HSL	120°, 93%, 11%
HSV	120°, 96%, 22%
XYZ	1.4022, 2.7497, 0.5143
YIQ	33.1110, -14.5750, -27.7190

Conversions

Conversions Part 2

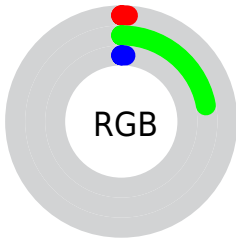
Format	Color
R_{YB}	2, 55, 55
Decimal	145154
CIE Lab	19.01, -28.29, 25.42
CIE LCh	19, 38.032, 138.050
Yxy	2.7497, 0.3005, 0.5893
Android (android.graphics.Color)	4278335234 (0xFF023702)
YUV	33.1110, -15.3377, -27.2843
Hunter-Lab	16.5821, -13.9248, 9.7687

Details

The Hex color **023702** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **370237**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **376731**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003700**, and if you desaturate by 10%, it is **083708**.

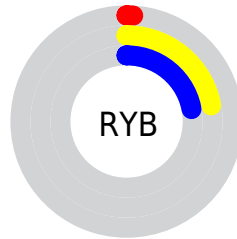
Distribution



Red (1%)

Green (22%)

Blue (1%)



Red (1%)

Yellow (22%)

Blue (22%)

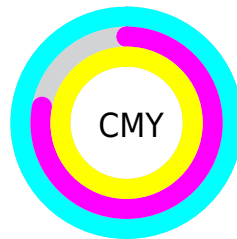


Cyan (96%)

Magenta (0%)

Yellow (96%)

Black (78%)



Cyan (99%)

Magenta (78%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023702 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 023702 by changing the saturation by 10% instead.

 023702

 023702

 F2FFE6

 002200

 376731

 000000

 508048

 699A60

 83B579

 9ED193

 B9EDAE

 D5FFCA

 023702

 023702

■ 003700

■ 083708

■ 0D370D

■ 133713

■ 183718

■ 1E371E

■ 233723

■ 293729

■ 2E372E

■ 343734

Harmonies

Analogous

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



2B3200



023702



003922

Triad

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



023702



003565



5E0D1F

Complementary

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



023702



370237

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.



590E3A



023702



092C63

Square

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



023702



003957



431E54



551C00

Rectangle

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



023702



003A35



431E54



5E0A28

Sweetspot

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



023702



334733



373702



172417



A3A3A3



242424

Same Dimension

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



023702



004700



02371D



191C19



005C00



00DB00

Inverse Universe

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



370237



470047



37021D



1C191C



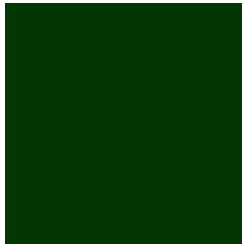
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 023702 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

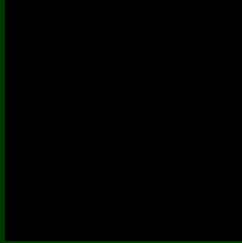
Any Text WCAG AA × Fail

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 023702 Background



This preview shows how black text looks on a background with the Hex color 023702.



This preview shows how white text looks on a background with the Hex color 023702.

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](#).

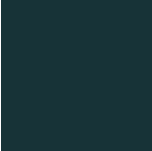
Dichromacy



Original Color
023702

Protanopia
352F00

Deuteranopia
3B2D0C



Tritanopia
173337

Trichromacy



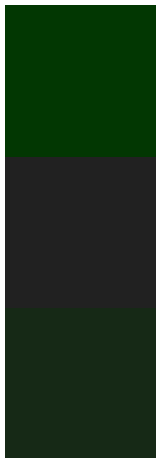
Original Color
023702

Protanomaly
223201

Deuteranomaly
263108

Tritanomaly
0F3424

Monochromacy



Original Color
023702

Achromatopsia
212121

Achromatomaly
162916

CSS Examples

Text

The CSS property to change the color of the text to Hex 023702 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 #023702 looks like.

```
.text, #text, p{  
    color:#023702  
}
```

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 #023702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023702
}
```

Border

The CSS property to change the border of an element to Hex 023702 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
#023702 }
```

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

```
.border{ border-color:#023702 }
```

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

Here you see how a box with a 4 pixel #023702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023702; -webkit-box-shadow:4px 4px  
4px 4px #023702; box-shadow:4px 4px 4px  
4px #023702 }
```

Background

The CSS property to change the background color of an element to Hex 023702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023702 }
```

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

```
.background{ background-color:#023702 }
```

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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