

Converting Colors

Hex(023181)

Have a look what the booklet for
Hex(023181) contains.

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Color

Hex(023181)

Conversions

Conversions Part 1

Format	Color
Hex	023181
RGB	2, 49, 129
RGB Percent	1%, 19%, 51%
CMY	0.9922, 0.8078, 0.4941
CMYK	0.98, 0.62, 0.00, 0.49
HSL	218°, 97%, 26%
HSV	218°, 98%, 51%
XYZ	5.0858, 3.7945, 21.2332
YIQ	44.0670, -53.6920, 14.9160

Conversions

Conversions Part 2

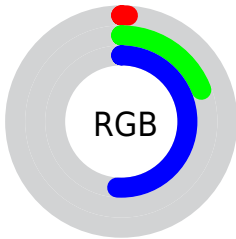
Format	Color
R _Y B	2, 36, 129
Decimal	143745
CIE Lab	22.98, 20.39, -48.77
CIE LCh	23, 52.865, 292.693
Yxy	3.7945, 0.1689, 0.1260
Android (android.graphics.Color)	4278333825 (0xFF023181)
YUV	44.0670, 41.8720, -36.8928
Hunter-Lab	19.4795, 12.5144, -50.9922

Details

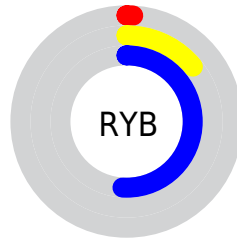
The Hex color **023181** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **815202**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4E5FB7**, and **00054F** is the 20% darker color. If you saturate the color by 10%, you get **003081**, and if you desaturate by 10%, it is **0F3981**.

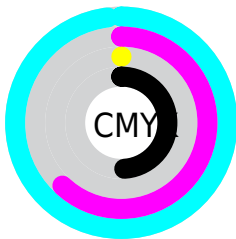
Distribution



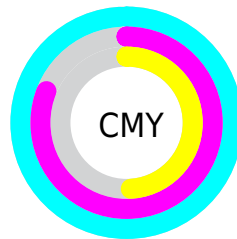
- Red (1%)
- Green (19%)
- Blue (51%)



- Red (1%)
- Yellow (14%)
- Blue (51%)



- Cyan (98%)
- Magenta (62%)
- Yellow (0%)
- Black (49%)



- Cyan (99%)
- Magenta (81%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023181 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 023181 by changing the saturation by 10% instead.

■ 023181

■ 023181

FFFFFF

■ 001D67

■ 4E5FB7

■ 00054F

■ 6B77D3

■ 000537

■ 8791EF

■ 000221

■ A4ABFF

■ 000005

■ C0C6FF

■ 000000

■ DEE2FF

■ FBFFFF

■ 023181

■ 023181

■ 003081

■ 0F3981

■ 1C4181

■ 294981

■ 365281

■ 425A81

■ 4F6281

■ 5C6A81

■ 697281

■ 767A81

Harmonies

Analogous

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



003F87



023181



5B1767

Triad

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



023181



681D00



00462C

Complementary

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



023181



815202

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.



004300



023181



4C3200

Square

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



023181



77001C



283E00



004754

Rectangle

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



023181



6F004F



283E00



00451D

Sweetspot

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



023181



7688A8



028150



364154



D4D4D4



545454

Same Dimension

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



023181



003EA8



110281



393C40



002F80



000000

Inverse Universe

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



810231



A8003E



728102



40393C



80002F



000000

Previews

White Background



This preview shows how the Hex color 023181 looks on a white background.

Color Contrast Check

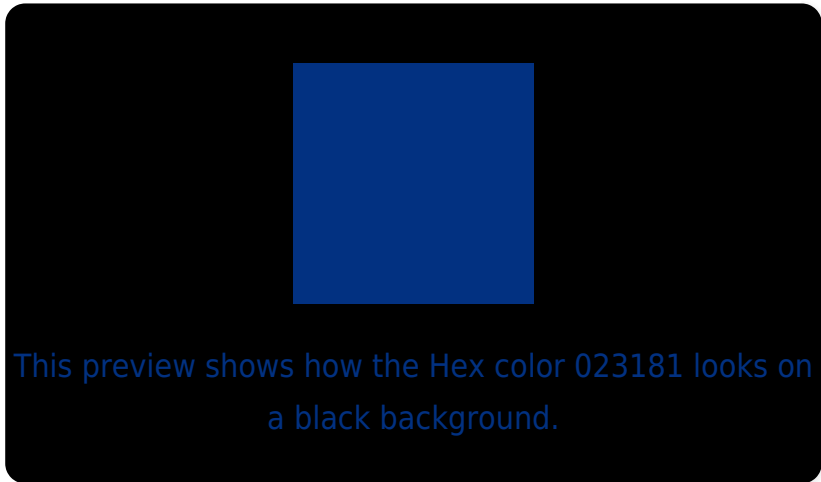
Large Text (above 18pt) WCAG AA ✓ Pass

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

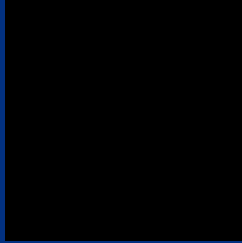
Any Text WCAG AA × Fail

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 023181 Background



This preview shows how black text looks on a background with the Hex color 023181.



This preview shows how white text looks on a background with the Hex color 023181.

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
023181

Protanopia
003571

Deuteranopia
003961



Tritanopia
003E41

Trichromacy



Original Color
023181

Protanomaly
013477

Deuteranomaly
01366D

Tritanomaly
013958

Monochromacy



Original Color
023181

Achromatopsia
2C2C2C

Achromatomaly
1D2E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 023181 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 #023181 looks like.

```
.text, #text, p{  
    color:#023181  
}
```

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 #023181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023181
}
```

Border

The CSS property to change the border of an element to Hex 023181 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".

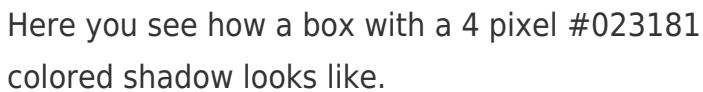
```
.border, #border, table{ border:4px solid
#023181 }
```

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

```
.border{ border-color:#023181 }
```

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

Here you see how a box with a 4 pixel #023181 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023181; -webkit-box-shadow:4px 4px  
4px 4px #023181; box-shadow:4px 4px 4px  
4px #023181 }
```

Background

The CSS property to change the background color of an element to Hex 023181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023181 }
```

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

```
.background{ background-color:#023181 }
```

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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