

Converting Colors

Hex(00203A)

Have a look what the booklet for
Hex(00203A) contains.

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Color

Hex(00203A)

Conversions

Conversions Part 1

Format	Color
Hex	00203A
RGB	0, 32, 58
RGB Percent	0%, 13%, 23%
CMY	1.0000, 0.8745, 0.7725
CMYK	1.00, 0.45, 0.00, 0.77
HSL	207°, 100%, 11%
HSV	207°, 100%, 23%
XYZ	1.2802, 1.3385, 4.1939
YIQ	25.3960, -27.4180, 1.3020

Conversions

Conversions Part 2

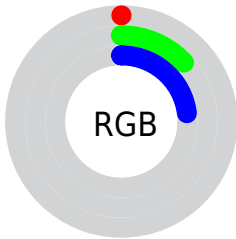
Format	Color
RYB	0, 21, 58
Decimal	8250
CIELab	11.54, 0.25, -20.06
CIELCh	12, 20.058, 270.711
Yxy	1.3385, 0.1879, 0.1965
Android (android.graphics.Color)	4278198330 (0xFF00203A)
YUV	25.3960, 16.0738, -22.2723
Hunter-Lab	11.5694, -0.4942, -13.3938

Details

The Hex color **00203A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3A1A00**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **344C69**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **00203A**, and if you desaturate by 10%, it is **06233A**.

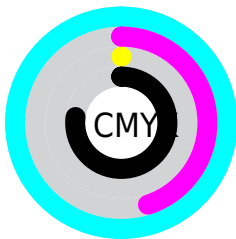
Distribution



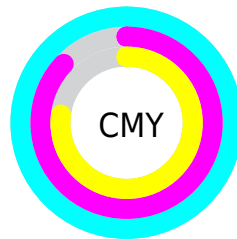
- Red (0%)
- Green (13%)
- Blue (23%)



- Red (0%)
- Yellow (8%)
- Blue (23%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00203A 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 00203A by changing the saturation by 10% instead.

00203A

00203A

FFFFFF

000824

344C69

00010D

4D6383

000000

667C9D

8096B8

9BB1D3

B6CCF0

D2E8FF

00203A

■ 06233A

■ 0C253A

■ 11283A

■ 172A3A

■ 1D2D3A

■ 23303A

■ 29323A

■ 2E353A

■ 34373A

Harmonies

Analogous

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



002336



00203A



1F1B36

Triad

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



00203A



371411



052410

Complementary

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



00203A



3A1A00

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.



192200



00203A



311900

Square

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



00203A



37121F



271E00



00251E

Rectangle

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



00203A



2B1730



271E00



0D230A

Sweetspot

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



00203A



36424D



003A19



182026



A6A6A6



262626

Same Dimension

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



00203A



002A4D



00043A



191B1C



00335C



0079DB

Inverse Universe

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



3A0020



4D002A



3A3600



1C191B



5C0033



DB0079

Previews

White Background



This preview shows how the Hex color 00203A looks on a white background.

Color Contrast Check

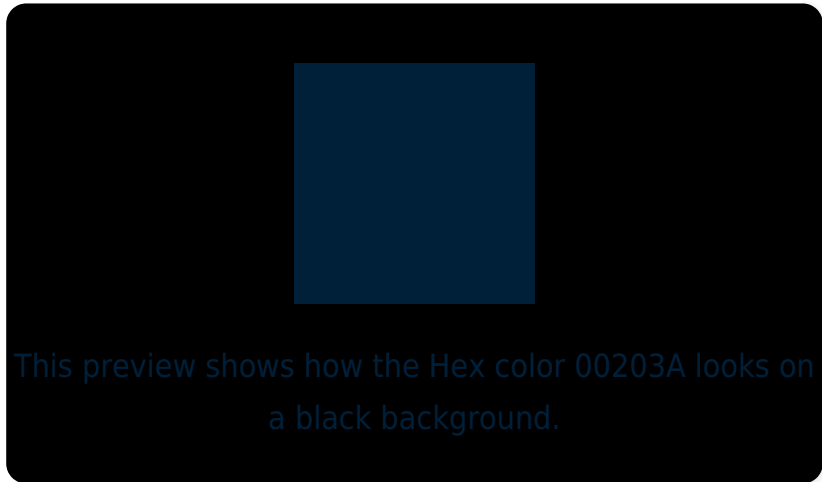
Large Text (above 18pt) WCAG AA ✓ Pass

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

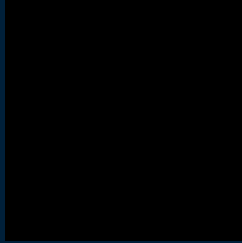
Any Text WCAG AA × Fail

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 00203A Background



This preview shows how black text looks on a background with the Hex color 00203A.



This preview shows how white text looks on a background with the Hex color 00203A.

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
00203A

Protanopia
131F39

Deuteranopia
002039

Trichromacy



Original Color
00203A

Protanomaly
0C1F39

Deuteranomaly
002039

Tritanomaly
00222D

Monochromacy



Original Color
00203A

Achromatopsia
191919

Achromatomaly
101C25

CSS Examples

Text

The CSS property to change the color of the text to Hex 00203A 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 #00203A looks like.

```
.text, #text, p{  
    color:#00203A  
}
```

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 #00203A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00203A
}
```

Border

The CSS property to change the border of an element to Hex 00203A 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
#00203A }
```

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

```
.border{ border-color:#00203A }
```

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

Here you see how a box with a 4 pixel #00203A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00203A; -webkit-box-shadow:4px 4px  
4px 4px #00203A; box-shadow:4px 4px 4px  
4px #00203A }
```

Background

The CSS property to change the background color of an element to Hex 00203A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00203A }
```

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

```
.background{ background-color:#00203A }
```

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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