

Converting Colors

Hex(00203F)

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

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Color

Hex(00203F)

Conversions

Conversions Part 1

Format	Color
Hex	00203F
RGB	0, 32, 63
RGB Percent	0%, 13%, 25%
CMY	1.0000, 0.8745, 0.7529
CMYK	1.00, 0.49, 0.00, 0.75
HSL	210°, 100%, 12%
HSV	210°, 100%, 25%
XYZ	1.4137, 1.3919, 4.8968
YIQ	25.9660, -29.0230, 2.8570

Conversions

Conversions Part 2

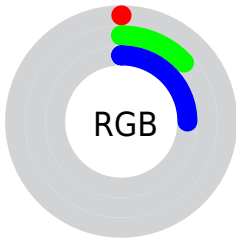
Format	Color
RYB	0, 21, 63
Decimal	8255
CIELab	11.90, 2.69, -23.01
CIELCh	12, 23.170, 276.666
Yxy	1.3919, 0.1835, 0.1807
Android (android.graphics.Color)	4278198335 (0xFF00203F)
YUV	25.9660, 18.2578, -22.7722
Hunter-Lab	11.7979, 0.7429, -16.3501

Details

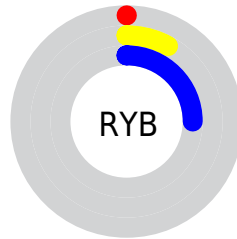
The Hex color **00203F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3F1F00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **364C6F**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **00203F**, and if you desaturate by 10%, it is **06233F**.

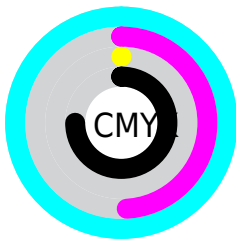
Distribution



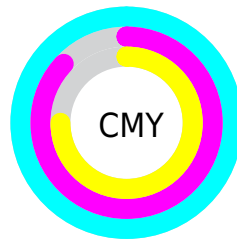
- Red (0%)
- Green (13%)
- Blue (25%)



- Red (0%)
- Yellow (8%)
- Blue (25%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

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

 00203F

 00203F

 F2FFFF

 000729

 364C6F

 000113

 4F6388

 000000

 697CA3

 8396BE

 9DB1DA

 B9CCF6

 D5E8FF

 00203F

■ 06233F

■ 0D263F

■ 13293F

■ 192C3F

■ 20303F

■ 26333F

■ 2C363F

■ 32393F

■ 393C3F

Harmonies

Analogous

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



00243C



00203F



241939

Triad

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



00203F



3A130B



002612

Complementary

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



00203F



3F1F00

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.



152400



00203F



321A00

Square

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



00203F



3C0F1C



252000



002723

Rectangle

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



00203F



311531



252000



04250B

Sweetspot

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



00203F



394652



003F1E



1A2229



A8A8A8



292929

Same Dimension

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



00203F



002952



00013F



1C1D1F



00305E



0071DE

Inverse Universe

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



3F0020



520029



3F3E00



1F1C1D



5E0030



DE0071

Previews

White Background



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

Color Contrast Check

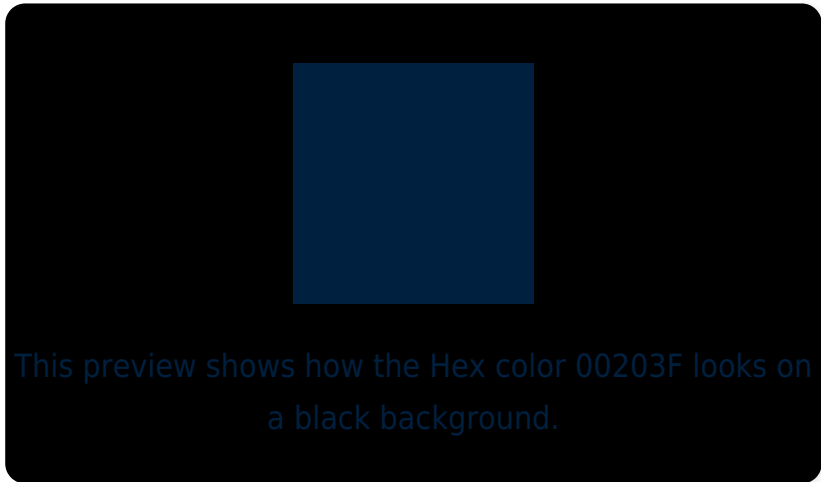
Large Text (above 18pt) WCAG AA ✓ Pass

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

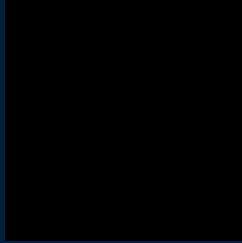
Any Text WCAG AA × Fail

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 00203F Background



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



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

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
00203F

Protanopia
0F1F3E

Deuteranopia
00213A

Trichromacy



Original Color
00203F

Protanomaly
0A1F3E

Deuteranomaly
00213C

Tritanomaly
00232F

Monochromacy



Original Color
00203F

Achromatopsia
1A1A1A

Achromatomaly
111C27

CSS Examples

Text

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

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

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 #00203F colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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