

Converting Colors

Hex(00213F)

Have a look what the booklet for
Hex(00213F) contains.

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Color

Hex(00213F)

Conversions

Conversions Part 1

Format	Color
Hex	00213F
RGB	0, 33, 63
RGB Percent	0%, 13%, 25%
CMY	1.0000, 0.8706, 0.7529
CMYK	1.00, 0.48, 0.00, 0.75
HSL	209°, 100%, 12%
HSV	209°, 100%, 25%
XYZ	1.4411, 1.4466, 4.9059
YIQ	26.5530, -29.2980, 2.3340

Conversions

Conversions Part 2

Format	Color
RYB	0, 22, 63
Decimal	8511
CIELab	12.26, 1.92, -22.44
CIELCh	12, 22.518, 274.897
Yxy	1.4466, 0.1849, 0.1856
Android (android.graphics.Color)	4278198591 (0xFF00213F)
YUV	26.5530, 17.9684, -23.2870
Hunter-Lab	12.0274, 0.3388, -15.7647

Details

The Hex color **00213F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3F1E00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **364D6F**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **00213F**, and if you desaturate by 10%, it is **06243F**.

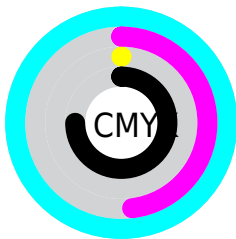
Distribution



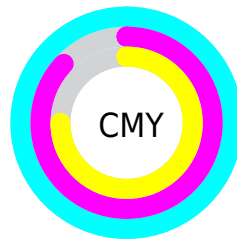
- Red (0%)
- Green (13%)
- Blue (25%)



- Red (0%)
- Yellow (9%)
- Blue (25%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00213F 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 00213F by changing the saturation by 10% instead.

 00213F

 00213F

 F2FFFF

 000929

 364D6F

 000113

 4F6588

 000000

 697DA3

 8397BE

 9DB2DA

 B9CDF6

 D5E9FF

 00213F

■ 06243F

■ 0D273F

■ 132A3F

■ 192D3F

■ 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.



00253C



00213F



241B3A

Triad

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



00213F



3A140E



002612

Complementary

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



00213F



3F1E00

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.



172400



00213F



331A00

Square

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



00213F



3C111E



272000



002722

Rectangle

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



00213F



301632



272000



07260C

Sweetspot

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



00213F



394652



003F1D



1A2229



A8A8A8



292929

Same Dimension

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



00213F



002B52



00023F



1C1D1F



00315E



0074DE

Inverse Universe

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



3F0021



52002B



3F3D00



1F1C1D



5E0031



DE0074

Previews

White Background



This preview shows how the Hex color 00213F looks on a white background.

Color Contrast Check

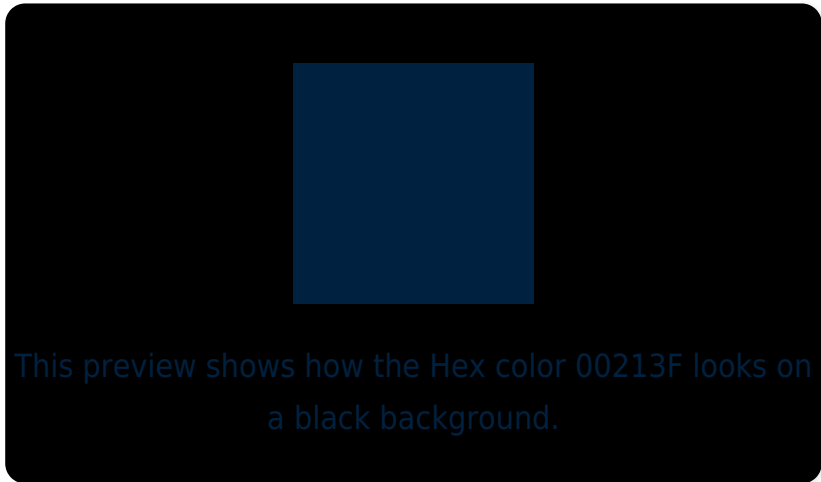
Large Text (above 18pt) WCAG AA ✓ Pass

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

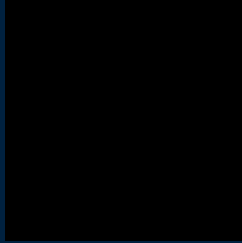
Any Text WCAG AA × Fail

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 00213F Background



This preview shows how black text looks on a background with the Hex color 00213F.



This preview shows how white text looks on a background with the Hex color 00213F.

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
00213F

Protanopia
11203E

Deuteranopia
00223B

Trichromacy



Original Color
00213F

Protanomaly
0B203E

Deuteranomaly
00223C

Tritanomaly
002430

Monochromacy



Original Color
00213F

Achromatopsia
1B1B1B

Achromatomaly
111D28

CSS Examples

Text

The CSS property to change the color of the text to Hex 00213F 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 #00213F looks like.

```
.text, #text, p{  
    color:#00213F  
}
```

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 #00213F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00213F
}
```

Border

The CSS property to change the border of an element to Hex 00213F 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".

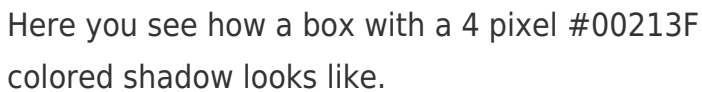
```
.border, #border, table{ border:4px solid
#00213F }
```

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

```
.border{ border-color:#00213F }
```

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

Here you see how a box with a 4 pixel #00213F colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00213F; -webkit-box-shadow:4px 4px  
4px 4px #00213F; box-shadow:4px 4px 4px  
4px #00213F }
```

Background

The CSS property to change the background color of an element to Hex 00213F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00213F }
```

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

```
.background{ background-color:#00213F }
```

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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