

Converting Colors

Hex(00213B)

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

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Color

Hex(00213B)

Conversions

Conversions Part 1

Format	Color
Hex	00213B
RGB	0, 33, 59
RGB Percent	0%, 13%, 23%
CMY	1.0000, 0.8706, 0.7686
CMYK	1.00, 0.44, 0.00, 0.77
HSL	206°, 100%, 12%
HSV	206°, 100%, 23%
XYZ	1.3333, 1.4035, 4.3383
YIQ	26.0970, -28.0140, 1.0900

Conversions

Conversions Part 2

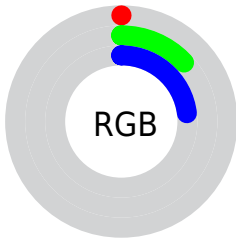
Format	Color
RYB	0, 21, 59
Decimal	8507
CIELab	11.98, -0.02, -20.07
CIELCh	12, 20.067, 269.940
Yxy	1.4035, 0.1884, 0.1984
Android (android.graphics.Color)	4278198587 (0xFF00213B)
YUV	26.0970, 16.2212, -22.8871
Hunter-Lab	11.8469, -0.6432, -13.4191

Details

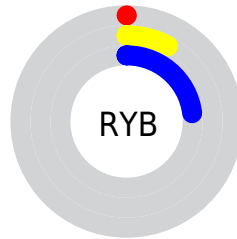
The Hex color **00213B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3B1A00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **354D6A**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **00213B**, and if you desaturate by 10%, it is **06243B**.

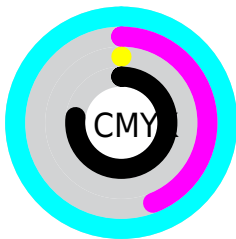
Distribution



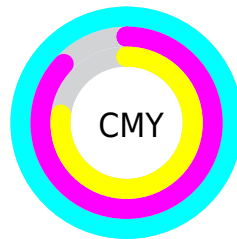
- Red (0%)
- Green (13%)
- Blue (23%)



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



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (77%)



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

Brightness & Saturation Gradients

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

 00213B

 00213B

 EFFFFFF

 000925


 354D6A

 00010F

 4E6584

 000000

 677D9E

 8197B9

 9BB2D5

 B7CDF1

 D3EAFB

 00213B

■ 06243B

■ 0C263B

■ 12293B

■ 182B3B

■ 1D2E3B

■ 23313B

■ 29333B

■ 2F363B

■ 35383B

Harmonies

Analogous

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



002437



00213B



201C37

Triad

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



00213B



381512



062511

Complementary

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



00213B



3B1A00

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.



1A2300



00213B



321902

Square

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



00213B



381320



281F00



00261F

Rectangle

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



00213B



2C1831



281F00



0E240B

Sweetspot

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



00213B



36424D



003B1A



182026



A6A6A6



262626

Same Dimension

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



00213B



002B4D



00043B



1C1D1F



00355E



007CDE

Inverse Universe

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



3B0021



4D002B



3B3700



1F1C1D



5E0035



DE007C

Previews

White Background



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

Color Contrast Check

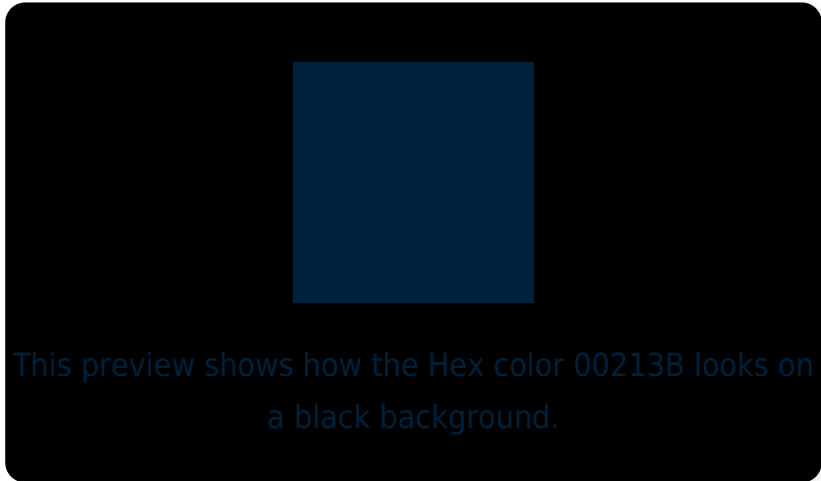
Large Text (above 18pt) WCAG AA ✓ Pass

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

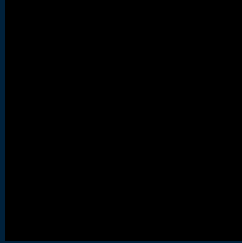
Any Text WCAG AA × Fail

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 00213B Background



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



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

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
00213B

Protanopia
14203A

Deuteranopia
00213B

Trichromacy



Original Color
00213B

Protanomaly
0D203A

Deuteranomaly
00213B

Tritanomaly
00232E

Monochromacy



Original Color
00213B

Achromatopsia
1A1A1A

Achromatomaly
111D26

CSS Examples

Text

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

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

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 #00213B colored shadow looks like.

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

Border

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

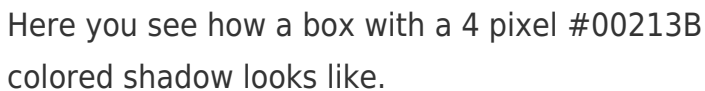
```
.border, #border, table{ border:4px solid
#00213B }
```

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

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

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

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



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

Background

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

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

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

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

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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