

Converting Colors

Hex(04323A)

Have a look what the booklet for
Hex(04323A) contains.

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Color

Hex(04323A)

Conversions

Conversions Part 1

Format	Color
Hex	04323A
RGB	4, 50, 58
RGB Percent	2%, 20%, 23%
CMY	0.9843, 0.8039, 0.7725
CMYK	0.93, 0.14, 0.00, 0.77
HSL	189°, 87%, 12%
HSV	189°, 93%, 23%
XYZ	1.9544, 2.6125, 4.4042
YIQ	37.1580, -29.9840, -7.2640

Conversions

Conversions Part 2

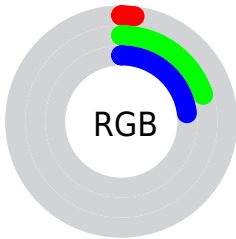
Format	Color
R_YB	4, 29, 58
Decimal	275002
CIE _{Lab}	18.42, -11.38, -9.31
CIE _{LCh}	18, 14.703, 219.283
Yxy	2.6125, 0.2179, 0.2912
Android (android.graphics.Color)	4278465082 (0xFF04323A)
YUV	37.1580, 10.2751, -29.0796
Hunter-Lab	16.1632, -6.7022, -4.8414

Details

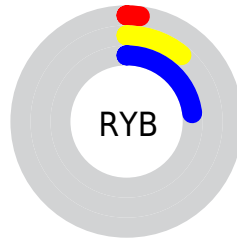
The Hex color **04323A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A0C04**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **396069**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **00313A**, and if you desaturate by 10%, it is **0A333A**.

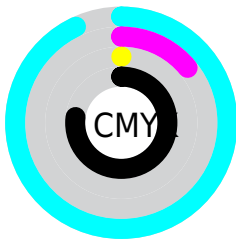
Distribution



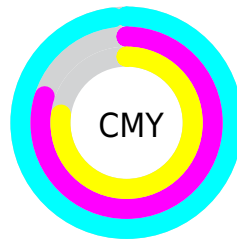
- Red (2%)
- Green (20%)
- Blue (23%)



- Red (2%)
- Yellow (11%)
- Blue (23%)



- Cyan (93%)
- Magenta (14%)
- Yellow (0%)
- Black (77%)



- Cyan (98%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04323A 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 04323A by changing the saturation by 10% instead.

04323A

04323A

F4FFFF

001D24

396069

00010F

527982

000000

6B939C

85AEB7

A0C9D3

BBE5EF

D7FFFF

04323A

04323A

■ 00313A

■ 0A333A

■ 10343A

■ 15353A

■ 1B353A

■ 21363A

■ 27373A

■ 2D383A

■ 32393A

■ 383A3A

Harmonies

Analogous

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



0A3330



04323A



113041

Triad

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



04323A



3D2635



312D18

Complementary

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



04323A



3A0C04

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.



3A2A19



04323A



42252A

Square

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



04323A



32293D



402620



25301C

Rectangle

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



04323A



1D2E42



402620



342C18

Sweetspot

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



04323A



37494D



043A0B



192426



A6A6A6



262626

Same Dimension

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



04323A



00414D



04183A



191C1C



004E5C



00BBDB

Inverse Universe

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



3A0432



4D0041



3A2604



1C191C



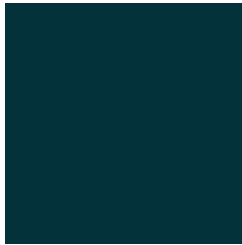
5C004E



DB00BB

Previews

White Background



This preview shows how the Hex color 04323A looks on a white background.

Color Contrast Check

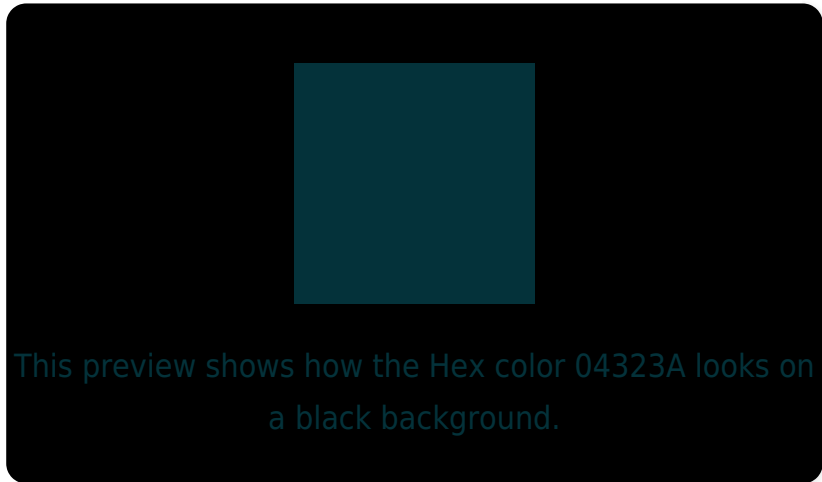
Large Text (above 18pt) WCAG AA ✓ Pass

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

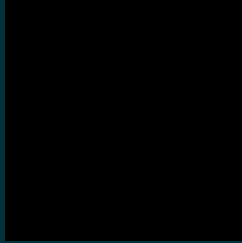
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

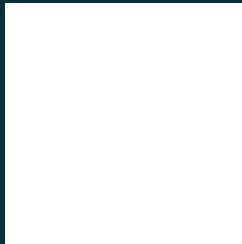
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 04323A Background



This preview shows how black text looks on a background with the Hex color 04323A.



This preview shows how white text looks on a background with the Hex color 04323A.

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
04323A

Protanopia
2B2D36

Deuteranopia
2A2D3B

Trichromacy



Original Color
04323A

Protanomaly
1D2F37

Deuteranomaly
1C2F3B

Tritanomaly
013237

Monochromacy



Original Color
04323A

Achromatopsia
252525

Achromatomaly
192A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 04323A 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 #04323A looks like.

```
.text, #text, p{  
    color:#04323A  
}
```

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 #04323A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04323A
}
```

Border

The CSS property to change the border of an element to Hex 04323A 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
#04323A }
```

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

```
.border{ border-color:#04323A }
```

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

Here you see how a box with a 4 pixel #04323A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04323A; -webkit-box-shadow:4px 4px  
4px 4px #04323A; box-shadow:4px 4px 4px  
4px #04323A }
```

Background

The CSS property to change the background color of an element to Hex 04323A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04323A }
```

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

```
.background{ background-color:#04323A }
```

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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