

Converting Colors

Hex(03273A)

Have a look what the booklet for
Hex(03273A) contains.

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Color

Hex(03273A)

Conversions

Conversions Part 1

Format	Color
Hex	03273A
RGB	3, 39, 58
RGB Percent	1%, 15%, 23%
CMY	0.9882, 0.8471, 0.7725
CMYK	0.95, 0.33, 0.00, 0.77
HSL	201°, 90%, 12%
HSV	201°, 95%, 23%
XYZ	1.5268, 1.7759, 4.2653
YIQ	30.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

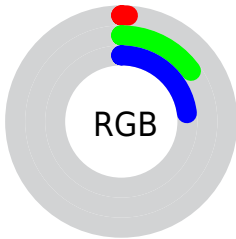
Format	Color
R_{YB}	3, 25, 58
Decimal	206650
CIE _{Lab}	14.26, -4.29, -15.74
CIE _{LCh}	14, 16.319, 254.757
Yxy	1.7759, 0.2017, 0.2347
Android (android.graphics.Color)	4278396730 (0xFF03273A)
YUV	30.4020, 13.6058, -24.0316
Hunter-Lab	13.3262, -2.8701, -9.6484

Details

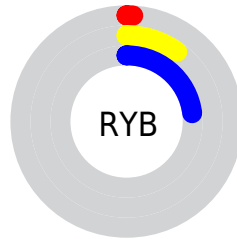
The Hex color **03273A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1603**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **375469**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **00263A**, and if you desaturate by 10%, it is **09293A**.

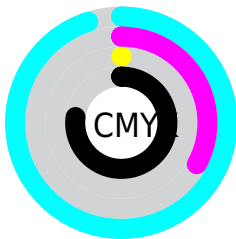
Distribution



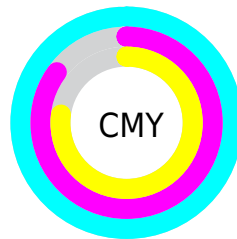
- Red (1%)
- Green (15%)
- Blue (23%)



- Red (1%)
- Yellow (10%)
- Blue (23%)



- Cyan (95%)
- Magenta (33%)
- Yellow (0%)
- Black (77%)



- Cyan (99%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03273A 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 03273A by changing the saturation by 10% instead.

■ 03273A

■ 03273A

■ F1FFFF

■ 001224

■ 375469

■ 00010E

■ 4F6C82

■ 000000

■ 69859D

■ 839FB7

■ 9DBAD3

■ B9D6EF

■ D5F2FF

■ 03273A

■ 03273A

■ 00263A

■ 09293A

■ 0F2B3A

■ 142D3A

■ 1A2F3A

■ 20313A

■ 26333A

■ 2C353A

■ 31373A

■ 37393A

Harmonies

Analogous

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



002934



03273A



1C233A

Triad

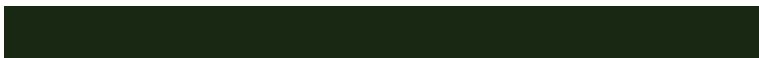
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



03273A



3A1B1F



192813

Complementary

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



03273A



3A1603

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.



26250C



03273A



371D15

Square

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



03273A



361C2A



30210D



082A1E

Rectangle

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



03273A



282037



30210D



1D2711

Sweetspot

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



03273A



37454D



033A15



192226



A6A6A6



262626

Same Dimension

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



03273A



00324D



030C3A



191B1C



003C5C



0090DB

Inverse Universe

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



3A0327



4D0032



3A3103



1C191B



5C003C



DB0090

Previews

White Background



This preview shows how the Hex color 03273A looks on a white background.

Color Contrast Check

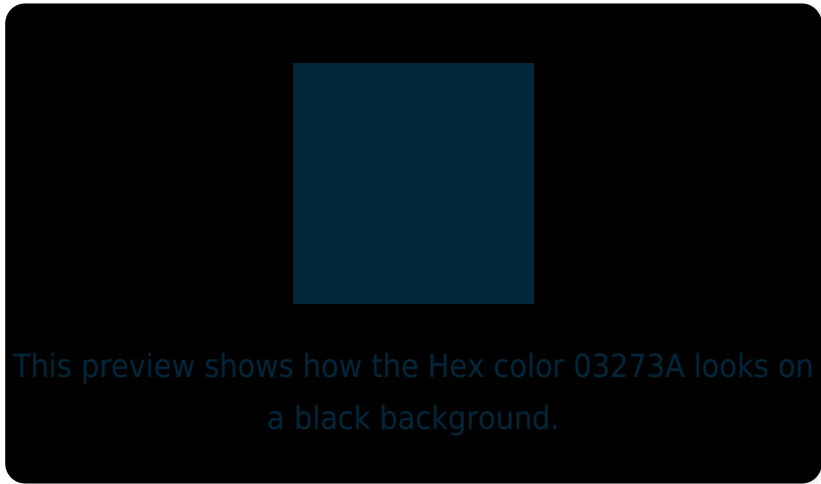
Large Text (above 18pt) WCAG AA ✓ Pass

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

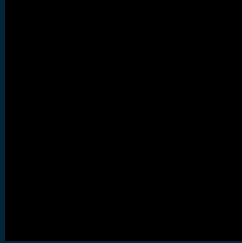
Any Text WCAG AA × Fail

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 03273A Background



This preview shows how black text looks on a background with the Hex color 03273A.



This preview shows how white text looks on a background with the Hex color 03273A.

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
03273A

Protanopia
1E2438

Deuteranopia
19253B

Trichromacy



Original Color

03273A

Protanomaly

142539

Deuteranomaly

11263B

Tritanomaly

012831

Monochromacy



Original Color

03273A

Achromatopsia

1E1E1E

Achromatomaly

142128

CSS Examples

Text

The CSS property to change the color of the text to Hex 03273A 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 #03273A looks like.

```
.text, #text, p{  
    color:#03273A  
}
```

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 #03273A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03273A
}
```

Border

The CSS property to change the border of an element to Hex 03273A 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
#03273A }
```

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

```
.border{ border-color:#03273A }
```

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

Here you see how a box with a 4 pixel #03273A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03273A; -webkit-box-shadow:4px 4px  
4px 4px #03273A; box-shadow:4px 4px 4px  
4px #03273A }
```

Background

The CSS property to change the background color of an element to Hex 03273A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03273A }
```

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

```
.background{ background-color:#03273A }
```

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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