

Converting Colors

Hex(0A3963)

Have a look what the booklet for
Hex(0A3963) contains.

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Color

Hex(0A3963)

Conversions

Conversions Part 1

Format	Color
Hex	0A3963
RGB	10, 57, 99
RGB Percent	4%, 22%, 39%
CMY	0.9608, 0.7765, 0.6118
CMYK	0.90, 0.42, 0.00, 0.61
HSL	208°, 82%, 21%
HSV	208°, 90%, 39%
XYZ	3.8404, 3.8916, 12.3531
YIQ	47.7350, -41.4940, 3.0980

Conversions

Conversions Part 2

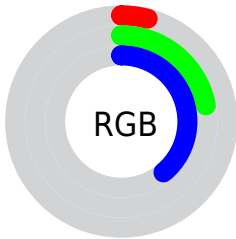
Format	Color
R_YB	10, 41, 99
Decimal	670051
CIE Lab	23.31, 2.13, -29.05
CIE LCh	23, 29.123, 274.203
Yxy	3.8916, 0.1912, 0.1938
Android (android.graphics.Color)	4278860131 (0xFF0A3963)
YUV	47.7350, 25.2736, -33.0936
Hunter-Lab	19.7272, 0.2271, -23.3181

Details

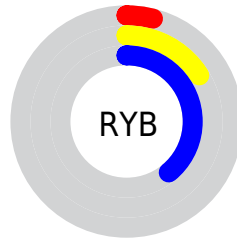
The Hex color **0A3963** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **63340A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **476896**, and **000E34** is the 20% darker color. If you saturate the color by 10%, you get **003463**, and if you desaturate by 10%, it is **143E63**.

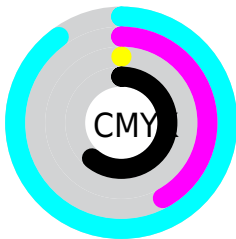
Distribution



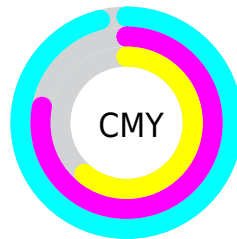
- Red (4%)
- Green (22%)
- Blue (39%)



- Red (4%)
- Yellow (16%)
- Blue (39%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (61%)



- Cyan (96%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A3963 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 0A3963 by changing the saturation by 10% instead.

0A3963

0A3963

FFFFFF

00244B

476896

000E34

6281B1

00021E

7C9ACD

000001

97B5E9

000000

B3D1FF

D0EDFF

ECFFFF

0A3963

0A3963

■ 003463

■ 143E63

■ 1E4263

■ 284763

■ 324C63

■ 3C5063

■ 455563

■ 4F5A63

■ 595E63

■ 636363

Harmonies

Analogous

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



003F5E



0A3963



3C305C

Triad

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



0A3963



5D2720



044124

Complementary

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



0A3963



63340A

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.



2A3D11



0A3963



522F0F

Square

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



0A3963



5F2335



403708



00423A

Rectangle

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



0A3963



4E2A51



403708



15401D

Sweetspot

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



0A3963



5D6F80



0A6334



2B3640



BFBFBF



404040

Same Dimension

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



0A3963



004380



0A0D63



2C2E30



003B70



007FF0

Inverse Universe

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



630A39



800043



63600A



302C2E



70003B



F0007F

Previews

White Background



This preview shows how the Hex color 0A3963 looks on a white background.

Color Contrast Check

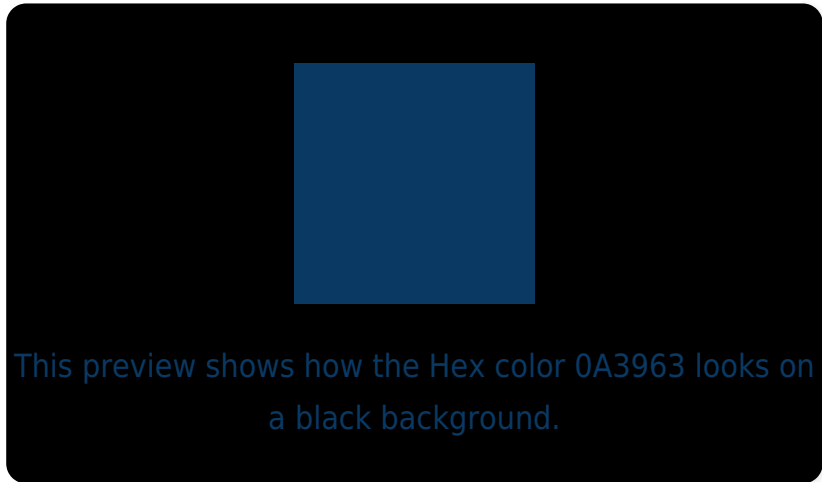
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A3963 Background



This preview shows how black text looks on a background with the Hex color 0A3963.



This preview shows how white text looks on a background with the Hex color 0A3963.

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
0A3963

Protanopia
253660

Deuteranopia
103963



Tritanopia
003E42

Trichromacy



Original Color
0A3963

Protanomaly
1B3761

Deuteranomaly
0E3963

Tritanomaly
043C4E

Monochromacy



Original Color
0A3963

Achromatopsia
303030

Achromatomaly
223343

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A3963 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 #0A3963 looks like.

```
.text, #text, p{  
    color:#0A3963  
}
```

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 #0A3963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3963
}
```

Border

The CSS property to change the border of an element to Hex 0A3963 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
#0A3963 }
```

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

```
.border{ border-color:#0A3963 }
```

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

Here you see how a box with a 4 pixel #0A3963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3963; -webkit-box-shadow:4px 4px  
4px 4px #0A3963; box-shadow:4px 4px 4px  
4px #0A3963 }
```

Background

The CSS property to change the background color of an element to Hex 0A3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3963 }
```

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

```
.background{ background-color:#0A3963 }
```

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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