

# Converting Colors

Hex(0A3B66)

Have a look what the booklet for  
Hex(0A3B66) contains.

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# Color

**Hex(0A3B66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A3B66
RGB	10, 59, 102
RGB Percent	4%, 23%, 40%
CMY	0.9608, 0.7686, 0.6000
CMYK	0.90, 0.42, 0.00, 0.60
HSL	208°, 82%, 22%
HSV	208°, 90%, 40%
XYZ	4.0874, 4.1518, 13.1563
YIQ	49.2510, -43.0070, 2.9850

# Conversions

## Conversions Part 2

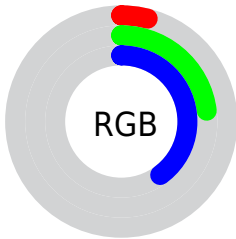
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 42, 102
Decimal	670566
CIE <sub>Lab</sub>	24.17, 2.04, -29.62
CIE <sub>LCh</sub>	24, 29.692, 273.944
Yxy	4.1518, 0.1910, 0.1940
Android (android.graphics.Color)	4278860646 (0xFF0A3B66)
YUV	49.2510, 26.0053, -34.4231
Hunter-Lab	20.3759, 0.1494, -24.0193

# Details

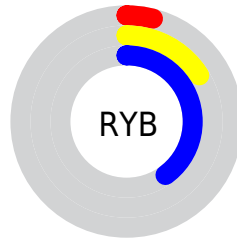
The Hex color **0A3B66** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **66350A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **486A99**, and **001137** is the 20% darker color. If you saturate the color by 10%, you get **003666**, and if you desaturate by 10%, it is **144066**.

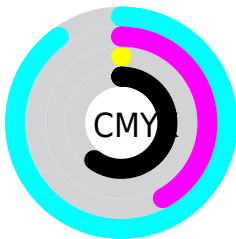
# Distribution



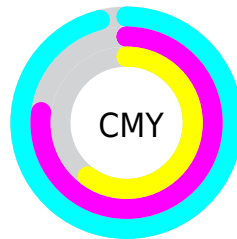
- Red (4%)
- Green (23%)
- Blue (40%)



- Red (4%)
- Yellow (16%)
- Blue (40%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (60%)



- Cyan (96%)
- Magenta (77%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A3B66 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 0A3B66 by changing the saturation by 10% instead.



0A3B66

0A3B66

FFFFFF

00264E

486A99

001137

6383B4

000221

7D9DD0

000006

99B8EC

000000

B5D3FF

D1F0FF

EEFFFF

0A3B66

0A3B66

■ 003666

■ 144066

■ 1E4566

■ 294966

■ 334E66

■ 3D5366

■ 475866

■ 515C66

■ 5C6166

■ 666666

# Harmonies

## Analogous

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



004161



0A3B66



3E325F

# Triad

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



0A3B66



602922



054325

# Complementary

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



0A3B66



66350A

# 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.



2C3F12



0A3B66



553110

# Square

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



0A3B66



622537



433908



00443C

# Rectangle

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



0A3B66



502C54



433908



17421E



# Sweetspot

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



0A3B66



617485



0A6635



2D3842



C2C2C2



424242



# Same Dimension

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



0A3B66



004785



0A0D66



2E3133



003D73



0081F2



# Inverse Universe

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



660A3B



850047



66630A



332E31



73003D



F20081



# Previews

## White Background



This preview shows how the Hex color 0A3B66 looks on a white background.

## Color Contrast Check

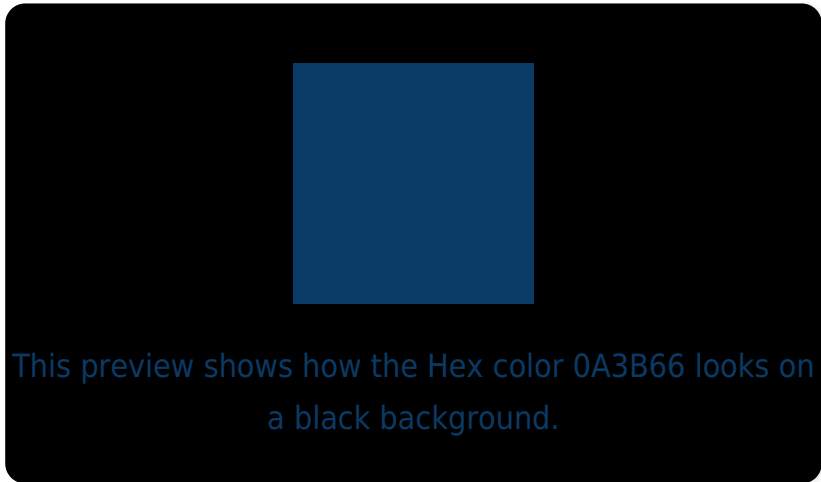
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A3B66 Background



This preview shows how black text looks on a background with the Hex color 0A3B66.



This preview shows how white text looks on a background with the Hex color 0A3B66.

# 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**  
0A3B66

**Protanopia**  
273863

**Deuteranopia**  
123B66



# Trichromacy



**Original Color**  
0A3B66

**Protanomaly**  
1C3964

**Deuteranomaly**  
0F3B66

**Tritanomaly**  
043E51

# Monochromacy



**Original Color**  
0A3B66

**Achromatopsia**  
313131

**Achromatomaly**  
233544

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A3B66 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 #0A3B66 looks like.

```
.text, #text, p{  
    color:#0A3B66  
}
```

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 #0A3B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3B66
}
```

## Border

The CSS property to change the border of an element to Hex 0A3B66 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
#0A3B66 }
```

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

```
.border{ border-color:#0A3B66 }
```

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

Here you see how a box with a 4 pixel #0A3B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3B66; -webkit-box-shadow:4px 4px  
4px 4px #0A3B66; box-shadow:4px 4px 4px  
4px #0A3B66 }
```

# Background

The CSS property to change the background color of an element to Hex 0A3B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3B66 }
```

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

```
.background{ background-color:#0A3B66 }
```

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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