

Converting Colors

Hex(0A3A84)

Have a look what the booklet for
Hex(0A3A84) contains.

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Color

Hex(0A3A84)

Conversions

Conversions Part 1

Format	Color
Hex	0A3A84
RGB	10, 58, 132
RGB Percent	4%, 23%, 52%
CMY	0.9608, 0.7725, 0.4824
CMYK	0.92, 0.56, 0.00, 0.48
HSL	216°, 86%, 28%
HSV	216°, 92%, 52%
XYZ	5.8031, 4.7566, 22.4421
YIQ	52.0840, -52.3620, 12.8380

Conversions

Conversions Part 2

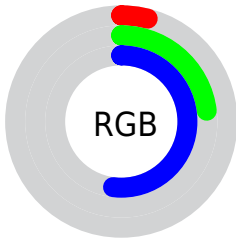
Format	Color
RYB	10, 44, 132
Decimal	670340
CIELab	26.03, 15.72, -45.68
CIELCh	26, 48.305, 288.993
Yxy	4.7566, 0.1758, 0.1441
Android (android.graphics.Color)	4278860420 (0xFF0A3A84)
YUV	52.0840, 39.3986, -36.9077
Hunter-Lab	21.8096, 9.3284, -45.7426

Details

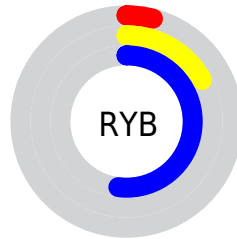
The Hex color **0A3A84** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **84540A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5168BA**, and **001252** is the 20% darker color. If you saturate the color by 10%, you get **003484**, and if you desaturate by 10%, it is **174284**.

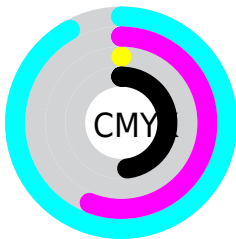
Distribution



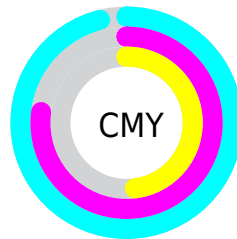
- Red (4%)
- Green (23%)
- Blue (52%)



- Red (4%)
- Yellow (17%)
- Blue (52%)



- Cyan (92%)
- Magenta (56%)
- Yellow (0%)
- Black (48%)



- Cyan (96%)
- Magenta (77%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A3A84 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 0A3A84 by changing the saturation by 10% instead.

■ 0A3A84

■ 0A3A84

FFFFFF

■ 00256A

■ 5168BA

■ 001252

■ 6E81D6

■ 00053A

■ 8A9BF2

■ 000223

■ A6B6FF

■ 00000B

■ C3D2FF

■ 000000

■ E0EEFF

FEFFFF

■ 0A3A84

■ 0A3A84

■ 003484

■ 174284

■ 244A84

■ 325284

■ 3F5A84

■ 4C6284

■ 596A84

■ 667284

■ 747A84

■ 818284

Harmonies

Analogous

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



004686



0A3A84



5B266E

Triad

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



0A3A84



702502



004C2E

Complementary

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



0A3A84



84540A

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.



004904



0A3A84



583700

Square

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



0A3A84



7C0E28



374300



004D55

Rectangle

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



0A3A84



701659



374300



004C21

Sweetspot

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



0A3A84



7B8EAB



0A8453



394557



D6D6D6



575757

Same Dimension

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



0A3A84



0043AB



160A84



3C3E42



003382



000103

Inverse Universe

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



840A3A



AB0043



78840A



423C3E



820033



030001

Previews

White Background



This preview shows how the Hex color 0A3A84 looks on a white background.

Color Contrast Check

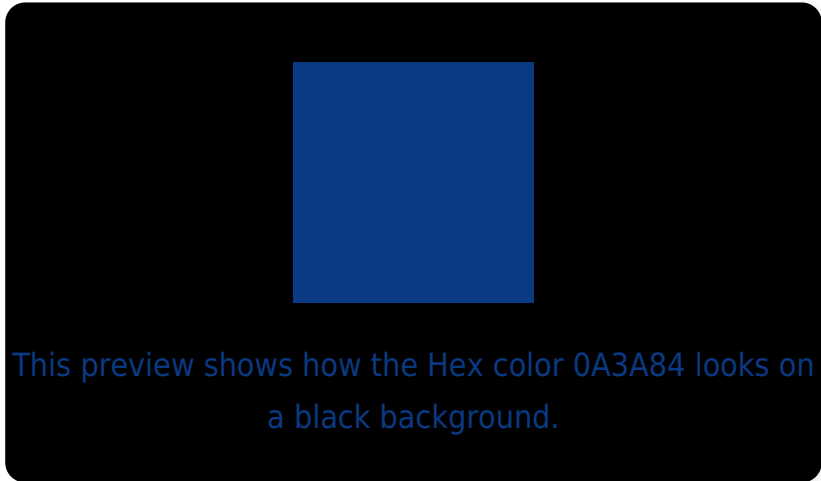
Large Text (above 18pt) WCAG AA ✓ Pass

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

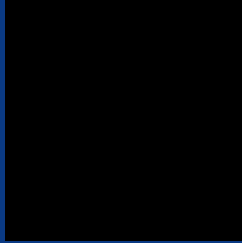
Any Text WCAG AA × Fail

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 0A3A84 Background



This preview shows how black text looks on a background with the Hex color 0A3A84.



This preview shows how white text looks on a background with the Hex color 0A3A84.

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

0A3A84

Protanopia

003C7F

Deuteranopia

003F6D

Trichromacy



Original Color

0A3A84

Protanomaly

043B81

Deuteranomaly

043D75

Tritanomaly

04415E

Monochromacy



Original Color

0A3A84

Achromatopsia

343434

Achromatomaly

253651

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A3A84 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 #0A3A84 looks like.

```
.text, #text, p{  
    color:#0A3A84  
}
```

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 #0A3A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3A84
}
```

Border

The CSS property to change the border of an element to Hex 0A3A84 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
#0A3A84 }
```

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

```
.border{ border-color:#0A3A84 }
```

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

Here you see how a box with a 4 pixel #0A3A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3A84; -webkit-box-shadow:4px 4px  
4px 4px #0A3A84; box-shadow:4px 4px 4px  
4px #0A3A84 }
```

Background

The CSS property to change the background color of an element to Hex 0A3A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3A84 }
```

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

```
.background{ background-color:#0A3A84 }
```

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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