

Converting Colors

Hex(0743A4)

Have a look what the booklet for
Hex(0743A4) contains.

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Color

Hex(0743A4)

Conversions

Conversions Part 1

Format	Color
Hex	0743A4
RGB	7, 67, 164
RGB Percent	3%, 26%, 64%
CMY	0.9725, 0.7373, 0.3569
CMYK	0.96, 0.59, 0.00, 0.36
HSL	217°, 92%, 34%
HSV	217°, 96%, 64%
XYZ	8.7956, 6.7398, 35.9593
YIQ	60.1180, -66.8970, 17.4470

Conversions

Conversions Part 2

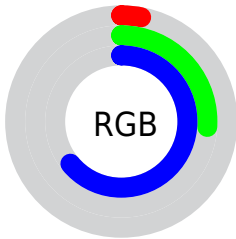
Format	Color
RYB	7, 50, 164
Decimal	476068
CIELab	31.21, 22.68, -56.85
CIELCh	31, 61.209, 291.748
Yxy	6.7398, 0.1708, 0.1309
Android (android.graphics.Color)	4278666148 (0xFF0743A4)
YUV	60.1180, 51.2138, -46.5845
Hunter-Lab	25.9612, 15.0436, -63.9509

Details

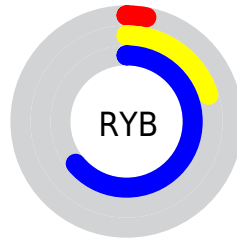
The Hex color **0743A4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A46807**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5A72DC**, and **001A6F** is the 20% darker color. If you saturate the color by 10%, you get **003FA4**, and if you desaturate by 10%, it is **174DA4**.

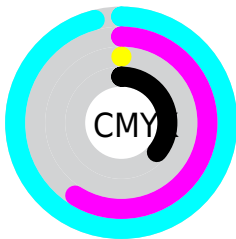
Distribution



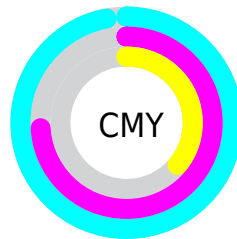
- Red (3%)
- Green (26%)
- Blue (64%)



- Red (3%)
- Yellow (20%)
- Blue (64%)



- Cyan (96%)
- Magenta (59%)
- Yellow (0%)
- Black (36%)



- Cyan (97%)
- Magenta (74%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0743A4 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 0743A4 by changing the saturation by 10% instead.

0743A4

0743A4

FFFFFF

002D89

5A72DC

001A6F

788CF9

000056

96A6FF

00063E

B3C1FF

000327

D1DDFF

000110

EFF9FF

000000

0743A4

0743A4

003FA4

174DA4

■ 2857A4

■ 3861A4

■ 496CA4

■ 5976A4

■ 6980A4

■ 7A8AA4

■ 8A94A4

■ 9B9EA4

Harmonies

Analogous

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



0054AA



0743A4



742586

Triad

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



0743A4



872A00



005C3A

Complementary

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



0743A4



A46807

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.



005900



0743A4



664300

Square

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



0743A4



99002A



3A5100



005D6C

Rectangle

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



0743A4



8E0169



3A5100



005B29

Sweetspot

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



0743A4



98B0D6



07A468



46546B



EBEBEB



6B6B6B

Same Dimension

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



0743A4



0052D6



1907A4



494D52



003891



000712

Inverse Universe

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



A40743



D60052



92A407



52494D



910038



120007

Previews

White Background



This preview shows how the Hex color 0743A4 looks on a white background.

Color Contrast Check

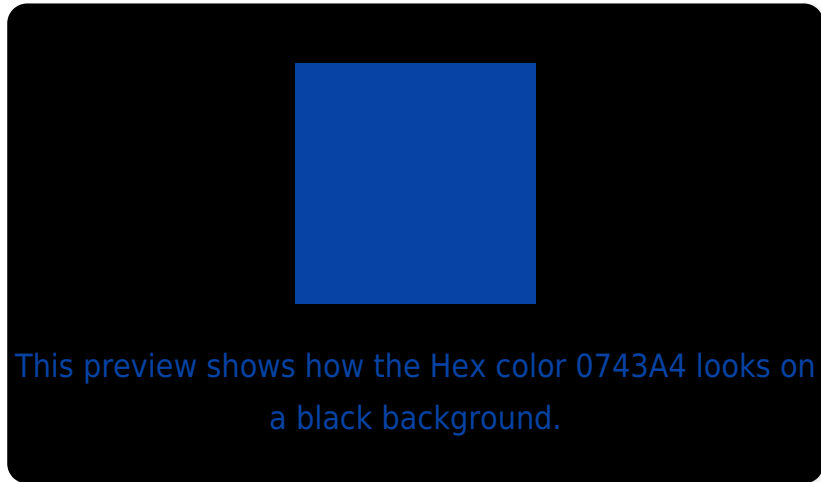
Large Text (above 18pt) WCAG AA ✓ Pass

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

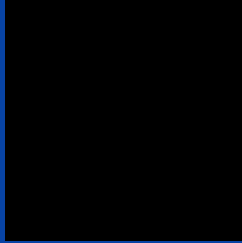
Any Text WCAG AA × Fail

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 0743A4 Background



This preview shows how black text looks on a background with the Hex color 0743A4.



This preview shows how white text looks on a background with the Hex color 0743A4.

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
0743A4

Protanopia
004796

Deuteranopia
004B81

Trichromacy



Original Color
0743A4

Protanomaly
03469B

Deuteranomaly
03488E

Tritanomaly
034D73

Monochromacy



Original Color
0743A4

Achromatopsia
3C3C3C

Achromatomaly
293F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 0743A4 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 #0743A4 looks like.

```
.text, #text, p{  
    color:#0743A4  
}
```

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 #0743A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0743A4
}
```

Border

The CSS property to change the border of an element to Hex 0743A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

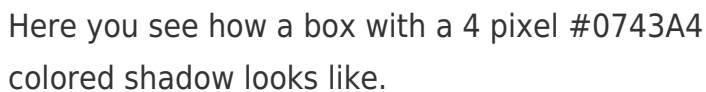
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0743A4 }
```

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

```
.border{ border-color:#0743A4 }
```

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



Here you see how a box with a 4 pixel #0743A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0743A4; -webkit-box-shadow:4px 4px  
4px 4px #0743A4; box-shadow:4px 4px 4px  
4px #0743A4 }
```

Background

The CSS property to change the background color of an element to Hex 0743A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0743A4 }
```

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

```
.background{ background-color:#0743A4 }
```

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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