

# Converting Colors

Hex(0753A4)

Have a look what the booklet for  
Hex(0753A4) contains.

<b>Hex(0753A4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0753A4)

# Conversions

## Conversions Part 1

Format	Color
Hex	0753A4
RGB	7, 83, 164
RGB Percent	3%, 33%, 64%
CMY	0.9725, 0.6745, 0.3569
CMYK	0.96, 0.49, 0.00, 0.36
HSL	211°, 92%, 34%
HSV	211°, 96%, 64%
XYZ	9.8817, 8.9120, 36.3213
YIQ	69.5100, -71.2970, 9.0790

# Conversions

## Conversions Part 2

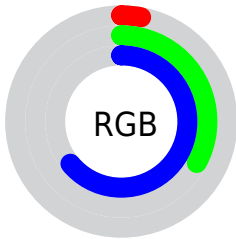
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 58, 164
Decimal	480164
CIELab	35.81, 11.77, -49.37
CIELCh	36, 50.755, 283.410
Yxy	8.9120, 0.1793, 0.1617
Android (android.graphics.Color)	4278670244 (0xFF0753A4)
YUV	69.5100, 46.5836, -54.8213
Hunter-Lab	29.8530, 6.8430, -51.2394

# Details

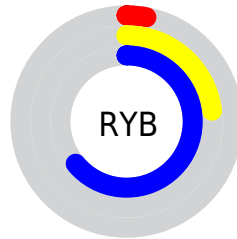
The Hex color **0753A4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A45807**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5984DC**, and **00286F** is the 20% darker color. If you saturate the color by 10%, you get **004FA4**, and if you desaturate by 10%, it is **175BA4**.

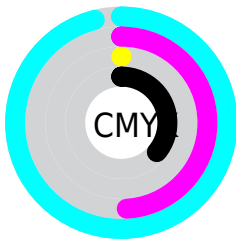
# Distribution



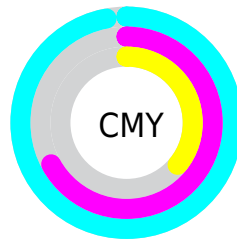
- Red (3%)
- Green (33%)
- Blue (64%)



- Red (3%)
- Yellow (23%)
- Blue (64%)



- Cyan (96%)
- Magenta (49%)
- Yellow (0%)
- Black (36%)



- Cyan (97%)
- Magenta (67%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0753A4 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 0753A4 by changing the saturation by 10% instead.



0753A4

0753A4

FFFFFF

003C89

5984DC

00286F

779EF8

001456

94B8FF

00063E

B2D4FF

000328

CFF0FF

000111

EDFFFF

000000

0753A4

0753A4

004FA4

175BA4

■ 2864A4

■ 386CA4

■ 4975A4

■ 597DA4

■ 6986A4

■ 7A8EA4

■ 8A97A4

■ 9B9FA4

# Harmonies

## Analogous

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



005FA2



0753A4



6C4090

# Triad

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



0753A4



92371D



00653B

# Complementary

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



0753A4



A45807

# 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.



256111



0753A4



794A00

# Square

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



0753A4



9C2744



565800



006666

# Rectangle

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



0753A4



883279



565800



00642D



# Sweetspot

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



0753A4



98B6D6



07A455



46586B



EBEBEB



6B6B6B



# Same Dimension

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



0753A4



0068D6



0707A4



494D52



004691



000912



# Inverse Universe

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



A40753



D60068



A4A407



52494D



910046



120009



# Previews

## White Background



This preview shows how the Hex color 0753A4 looks on a white background.

## Color Contrast Check

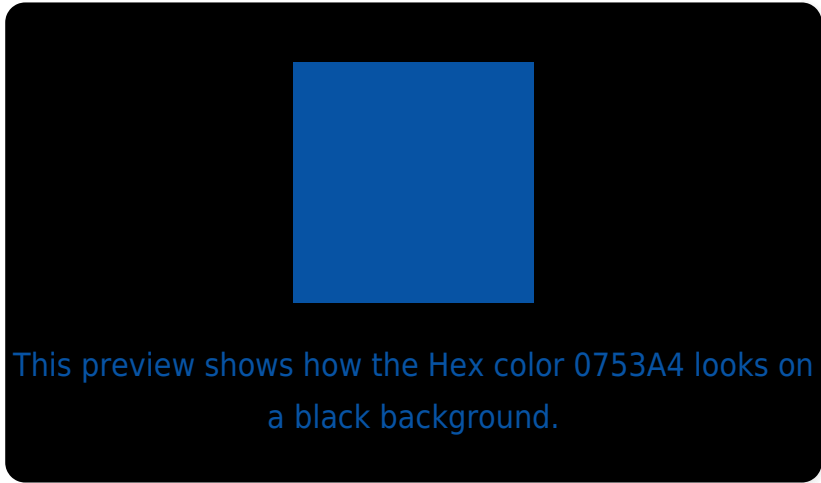
Large Text (above 18pt) WCAG AA ✓ Pass

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

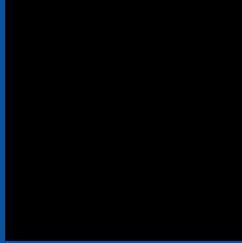
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0753A4 Background



This preview shows how black text looks on a background with the Hex color 0753A4.



This preview shows how white text looks on a background with the Hex color 0753A4.

# 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**  
0753A4

**Protanopia**  
2551A2

**Deuteranopia**  
005696



**Tritanopia**  
005E64

# Trichromacy



**Original Color**  
0753A4

**Protanomaly**  
1A52A3

**Deuteranomaly**  
03559B

**Tritanomaly**  
035A7B

# Monochromacy



**Original Color**  
0753A4

**Achromatopsia**  
464646

**Achromatomaly**  
2F4B68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0753A4 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 #0753A4 looks like.

```
.text, #text, p{  
    color:#0753A4  
}
```

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 #0753A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0753A4
}
```

## Border

The CSS property to change the border of an element to Hex 0753A4 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
#0753A4 }
```

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

```
.border{ border-color:#0753A4 }
```

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

Here you see how a box with a 4 pixel #0753A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0753A4; -webkit-box-shadow:4px 4px  
4px 4px #0753A4; box-shadow:4px 4px 4px  
4px #0753A4 }
```

# Background

The CSS property to change the background color of an element to Hex 0753A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0753A4 }
```

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

```
.background{ background-color:#0753A4 }
```

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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