

# Converting Colors

Hex(0464A1)

Have a look what the booklet for  
Hex(0464A1) contains.

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# Color

**Hex(0464A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0464A1
RGB	4, 100, 161
RGB Percent	2%, 39%, 63%
CMY	0.9843, 0.6078, 0.3686
CMYK	0.98, 0.38, 0.00, 0.37
HSL	203°, 95%, 32%
HSV	203°, 98%, 63%
XYZ	11.0403, 11.7134, 35.3972
YIQ	78.2500, -76.7970, -1.3810

# Conversions

## Conversions Part 2

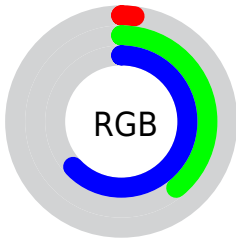
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 64, 161
Decimal	287905
CIELab	40.76, -0.68, -39.66
CIELCh	41, 39.669, 269.014
Yxy	11.7134, 0.1899, 0.2014
Android (android.graphics.Color)	4278477985 (0xFF0464A1)
YUV	78.2500, 40.7957, -65.1172
Hunter-Lab	34.2248, -2.3127, -37.3637

# Details

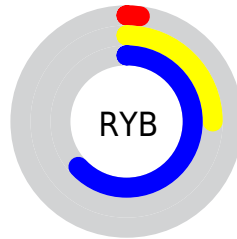
The Hex color **0464A1** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A14104**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5796D8**, and **00366D** is the 20% darker color. If you saturate the color by 10%, you get **0062A1**, and if you desaturate by 10%, it is **146AA1**.

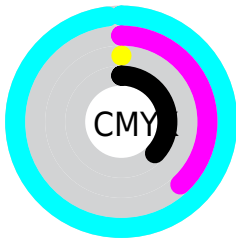
# Distribution



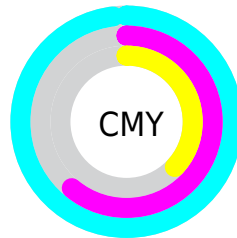
- Red (2%)
- Green (39%)
- Blue (63%)



- Red (2%)
- Yellow (25%)
- Blue (63%)



- Cyan (98%)
- Magenta (38%)
- Yellow (0%)
- Black (37%)



- Cyan (98%)
- Magenta (61%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0464A1 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 0464A1 by changing the saturation by 10% instead.



0464A1

0464A1

FFFFFF

004C87

5796D8

00366D

75B1F5

002154

92CCFF

00093D

B0E8FF

000326

CDFFFF

00010F

EBFFFF

000000

0464A1

0464A1

0062A1

146AA1

■ 2471A1

■ 3477A1

■ 447DA1

■ 5483A1

■ 658AA1

■ 7590A1

■ 8596A1

■ 959CA1

# Harmonies

## Analogous

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



006C97



0464A1



5F5899

# Triad

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



0464A1



9A4642



256D3D

# Complementary

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



0464A1



A14104

# 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.



526723



0464A1



8C5228

# Square

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



0464A1



9A4363



735E1B



00705E

# Rectangle

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



0464A1



7C4F8B



735E1B



376C33



# Sweetspot

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



0464A1



94BAD1



04A140



445A69



E8E8E8



696969



# Same Dimension

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



0464A1



0080D1



0416A1



494E52



005991



000B12



# Inverse Universe

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



A10464



D10080



A18F04



52494E



910059



12000B



# Previews

## White Background



This preview shows how the Hex color 0464A1 looks on a white background.

## Color Contrast Check

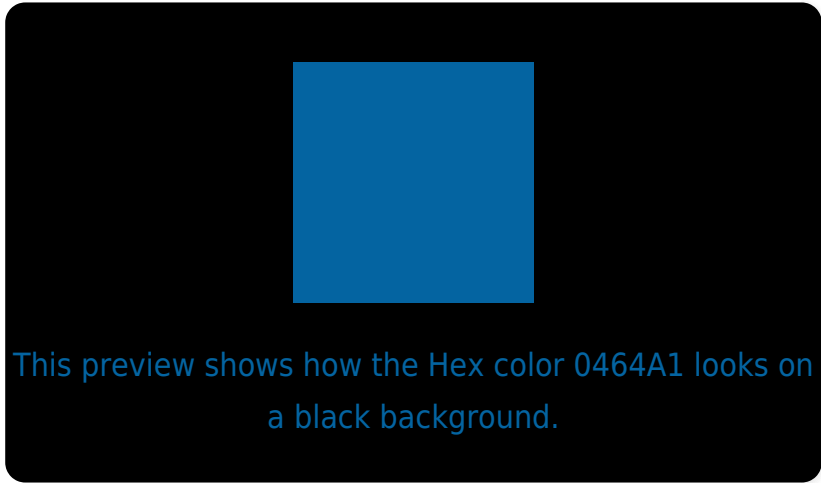
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

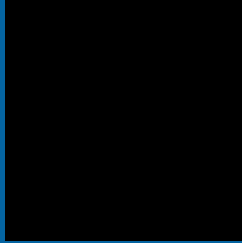
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0464A1 Background



This preview shows how black text looks on a background with the Hex color 0464A1.



This preview shows how white text looks on a background with the Hex color 0464A1.

# 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](#).

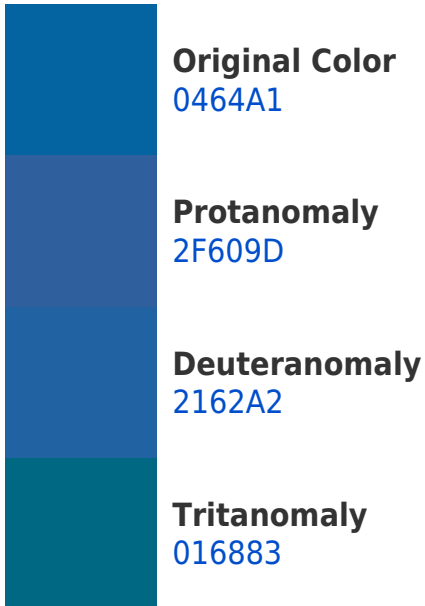
## Dichromacy





**Tritanopia**  
006B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0464A1 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 #0464A1 looks like.

```
.text, #text, p{  
    color:#0464A1  
}
```

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 #0464A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0464A1
}
```

## Border

The CSS property to change the border of an element to Hex 0464A1 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
#0464A1 }
```

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

```
.border{ border-color:#0464A1 }
```

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

Here you see how a box with a 4 pixel #0464A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0464A1; -webkit-box-shadow:4px 4px  
4px 4px #0464A1; box-shadow:4px 4px 4px  
4px #0464A1 }
```

# Background

The CSS property to change the background color of an element to Hex 0464A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0464A1 }
```

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

```
.background{ background-color:#0464A1 }
```

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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