

# Converting Colors

Hex(6374A6)

Have a look what the booklet for  
Hex(6374A6) contains.

<b>Hex(6374A6)</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(6374A6)

# Conversions

## Conversions Part 1

Format	Color
Hex	6374A6
RGB	99, 116, 166
RGB Percent	39%, 45%, 65%
CMY	0.6118, 0.5451, 0.3490
CMYK	0.40, 0.30, 0.00, 0.35
HSL	225°, 27%, 52%
HSV	225°, 40%, 65%
XYZ	18.2739, 17.8966, 38.5676
YIQ	116.6170, -26.1820, 11.9460

# Conversions

## Conversions Part 2

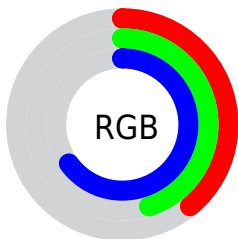
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 113, 166
Decimal	6517926
CIE Lab	49.37, 6.81, -28.80
CIE LCh	49, 29.596, 283.306
Yxy	17.8966, 0.2445, 0.2395
Android (android.graphics.Color)	4284708006 (0xFF6374A6)
YUV	116.6170, 24.3458, -15.4501
Hunter-Lab	42.3044, 3.0727, -24.4399

# Details

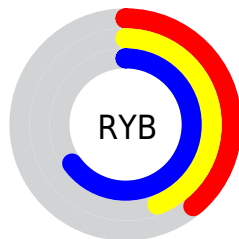
The Hex color **6374A6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A69563**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **98A8DD**, and **304472** is the 20% darker color. If you saturate the color by 10%, you get **5268A6**, and if you desaturate by 10%, it is **7480A6**.

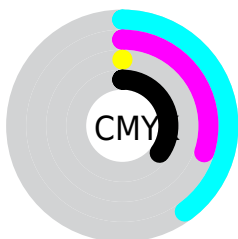
# Distribution



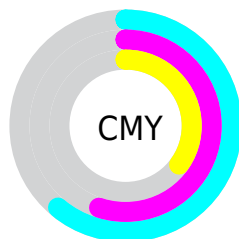
- Red (39%)
- Green (45%)
- Blue (65%)



- Red (39%)
- Yellow (44%)
- Blue (65%)



- Cyan (40%)
- Magenta (30%)
- Yellow (0%)
- Black (35%)



- Cyan (61%)
- Magenta (55%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6374A6 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 6374A6 by changing the saturation by 10% instead.





6374A6



6374A6

FFFFFF



495C8B



98A8DD



304472



B4C3FA



142E59



D0DFFF



001A41



EDFBFF



00002B



000115



000000



6374A6



6374A6



5268A6



7480A6

■ 425BA6

■ 848DA6

■ 314FA6

■ 9599A6

■ 2142A6

■ A5A6A6

■ 1036A6

■ B6B2A6

■ 002AA6

■ C7BEA6

■ D7CBA6

■ E8D7A6

■ F8E3A6

# Harmonies

## Analogous

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



367CA5



6374A6



866B9A

# Triad

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



6374A6



A26754



3F8266

# Complementary

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



6374A6



A69563

# 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.



5F7E50



6374A6



926F45

# Square

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



6374A6



A6626B



7B7744



168380

# Rectangle

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



6374A6



97658C



7B7744



4A815E



# Sweetspot

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



6374A6



BFC5D9



63A694



5E626E



EDEDED



6E6E6E



# Same Dimension

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



6374A6



718BD9



7363A6



4C4E54



002694



000514



# Inverse Universe

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



A66374



D9718B



96A663



544C4E



940026

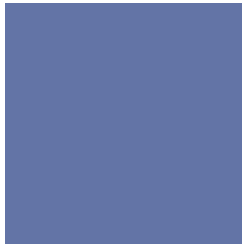


140005



# Previews

## White Background



This preview shows how the Hex color 6374A6 looks on a white background.

## Color Contrast Check

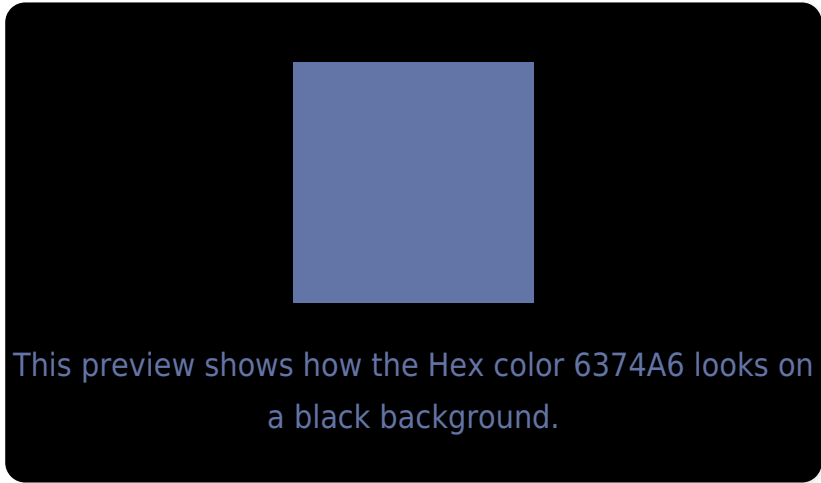
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

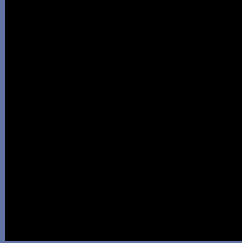
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

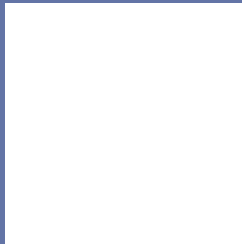
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6374A6 Background



This preview shows how black text looks on a background with the Hex color 6374A6.



This preview shows how white text looks on a background with the Hex color 6374A6.

# 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**  
6374A6

**Protanopia**  
6673A6

**Deuteranopia**  
6374A6



**Tritanopia**  
5A7A84

# Trichromacy



**Original Color**  
6374A6

**Protanomaly**  
6573A6

**Deuteranomaly**  
6374A6

**Tritanomaly**  
5D7890

# Monochromacy



**Original Color**  
6374A6

**Achromatopsia**  
757575

**Achromatomaly**  
6E7587

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6374A6 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 #6374A6 looks like.

```
.text, #text, p{  
    color:#6374A6  
}
```

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 #6374A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6374A6
}
```

## Border

The CSS property to change the border of an element to Hex 6374A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

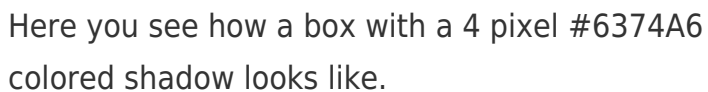
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6374A6 }
```

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

```
.border{ border-color:#6374A6 }
```

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



Here you see how a box with a 4 pixel #6374A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6374A6; -webkit-box-shadow:4px 4px  
4px 4px #6374A6; box-shadow:4px 4px 4px  
4px #6374A6 }
```

# Background

The CSS property to change the background color of an element to Hex 6374A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6374A6 }
```

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

```
.background{ background-color:#6374A6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor