

# Converting Colors

Hex(6572A0)

Have a look what the booklet for  
Hex(6572A0) contains.

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# Color

Hex(6572A0)

# Conversions

## Conversions Part 1

Format	Color
Hex	6572A0
RGB	101, 114, 160
RGB Percent	40%, 45%, 63%
CMY	0.6039, 0.5529, 0.3725
CMYK	0.37, 0.29, 0.00, 0.37
HSL	227°, 24%, 51%
HSV	227°, 37%, 63%
XYZ	17.7293, 17.3394, 35.6701
YIQ	115.3570, -22.5140, 11.5500

# Conversions

## Conversions Part 2

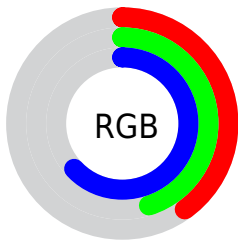
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 112, 160
Decimal	6648480
CIE <sub>Lab</sub>	48.68, 6.87, -26.35
CIE <sub>LCh</sub>	49, 27.228, 284.617
Yxy	17.3394, 0.2506, 0.2451
Android (android.graphics.Color)	4284838560 (0xFF6572A0)
YUV	115.3570, 22.0090, -12.5911
Hunter-Lab	41.6406, 3.1288, -21.6405

# Details

The Hex color **6572A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A09365**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9AA6D7**, and **33426C** is the 20% darker color. If you saturate the color by 10%, you get **5566A0**, and if you desaturate by 10%, it is **757EA0**.

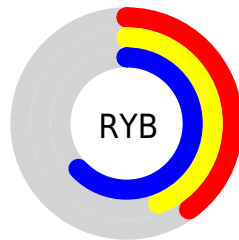
# Distribution



Red (40%)

Green (45%)

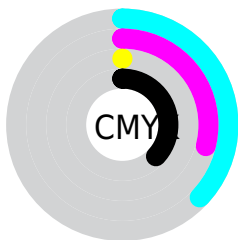
Blue (63%)



Red (40%)

Yellow (44%)

Blue (63%)

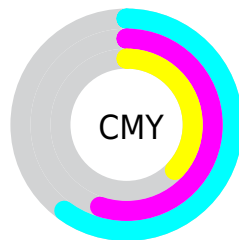


Cyan (37%)

Magenta (29%)

Yellow (0%)

Black (37%)



Cyan (60%)

Magenta (55%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6572A0 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 6572A0 by changing the saturation by 10% instead.



■ 6572A0

■ 6572A0

FFFFFF

■ 4C5A86

■ 9AA6D7

■ 33426C

■ B5C1F3

■ 192C54

■ D1DDFF

■ 00183C

■ EEF9FF

■ 000227

■ 000110

■ 000000

■ 6572A0

■ 6572A0

■ 5566A0

■ 757EA0

■ 4559A0

■ 858BA0

■ 354DA0

■ 9597A0

■ 2540A0

■ A5A4A0

■ 1534A0

■ B5B0A0

■ 0527A0

■ C5BDA0

■ 0023A0

■ D5C9A0

■ E5D6A0

■ F5E2A0

# Harmonies

## Analogous

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



3F79A0



6572A0



856A95

# Triad

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



6572A0



9C6754



417F67

# Complementary

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



6572A0



A09365

# 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.



5E7C52



6572A0



8D6E47

# Square

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



6572A0



A16269



787646



24807E

# Rectangle

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



6572A0



946588



787646



4B7E5F



# Sweetspot

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



6572A0



BABFD1



65A092



5B5E69



E8E8E8



696969



# Same Dimension

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



6572A0



7589D1



7565A0



47494F



001F8F



00030F



# Inverse Universe

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



A06572



D17589



90A065



4F4749



8F001F

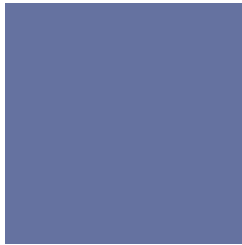


0F0003



# Previews

## White Background



This preview shows how the Hex color 6572A0 looks on a white background.

## Color Contrast Check

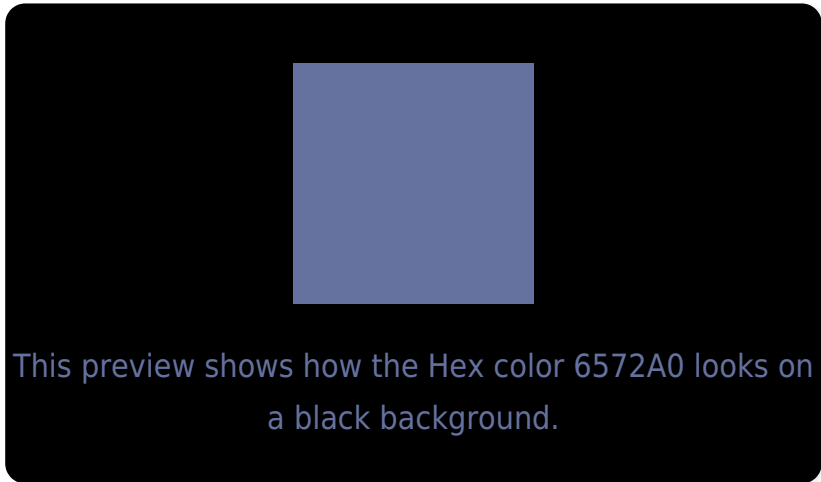
Large Text (above 18pt) WCAG AA ✓ Pass

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

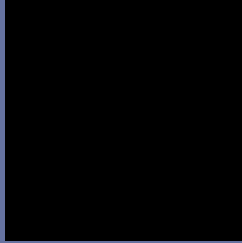
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

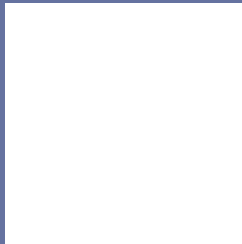
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6572A0 Background



This preview shows how black text looks on a background with the Hex color 6572A0.



This preview shows how white text looks on a background with the Hex color 6572A0.

# 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**  
6572A0

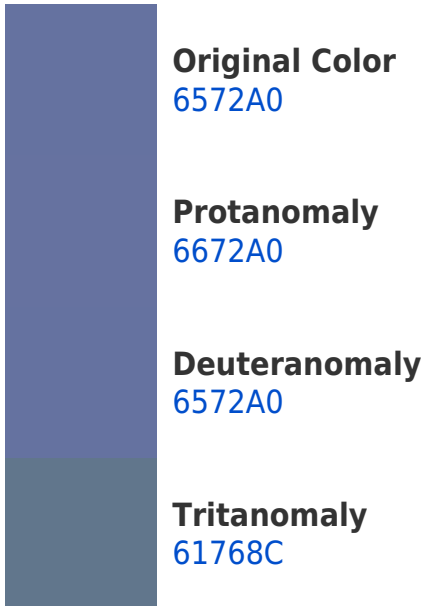
**Protanopia**  
6672A0

**Deuteranopia**  
6572A0



**Tritanopia**  
5E7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6572A0 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 #6572A0 looks like.

```
.text, #text, p{  
    color:#6572A0  
}
```

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 #6572A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6572A0
}
```

## Border

The CSS property to change the border of an element to Hex 6572A0 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
#6572A0 }
```

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

```
.border{ border-color:#6572A0 }
```

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

Here you see how a box with a 4 pixel #6572A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6572A0; -webkit-box-shadow:4px 4px  
4px 4px #6572A0; box-shadow:4px 4px 4px  
4px #6572A0 }
```

# Background

The CSS property to change the background color of an element to Hex 6572A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6572A0 }
```

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

```
.background{ background-color:#6572A0 }
```

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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