

# Converting Colors

Hex(737CA4)

Have a look what the booklet for  
Hex(737CA4) contains.

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**Color**

**Hex(737CA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	737CA4
RGB	115, 124, 164
RGB Percent	45%, 49%, 64%
CMY	0.5490, 0.5137, 0.3569
CMYK	0.30, 0.24, 0.00, 0.36
HSL	229°, 21%, 55%
HSV	229°, 30%, 64%
XYZ	20.9787, 20.7405, 38.0196
YIQ	125.8690, -18.2040, 10.5320

# Conversions

## Conversions Part 2

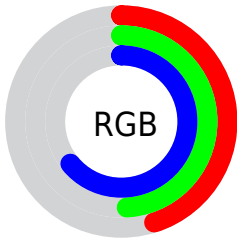
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 123, 164
Decimal	7568548
CIE Lab	52.66, 6.20, -22.45
CIE LCh	53, 23.290, 285.445
Yxy	20.7405, 0.2631, 0.2601
Android (android.graphics.Color)	4285758628 (0xFF737CA4)
YUV	125.8690, 18.7986, -9.5321
Hunter-Lab	45.5417, 2.5278, -17.6179

# Details

The Hex color **737CA4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A49B73**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A8B0DB**, and **414B70** is the 20% darker color. If you saturate the color by 10%, you get **636FA4**, and if you desaturate by 10%, it is **8389A4**.

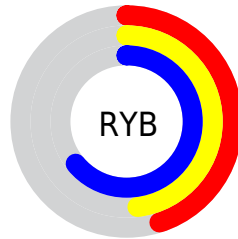
# Distribution



Red (45%)

Green (49%)

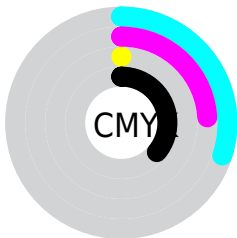
Blue (64%)



Red (45%)

Yellow (48%)

Blue (64%)

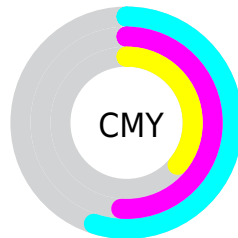


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (51%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737CA4 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 737CA4 by changing the saturation by 10% instead.





737CA4



737CA4

FFFFFF



5A638A



A8B0DB



414B70



C4CCF8



293557



E0E8FF



112040

FDFFF



00072A



000114



000000



737CA4



737CA4



636FA4



8389A4

■ 5261A4

■ 9497A4

■ 4254A4

■ A4A4A4

■ 3146A4

■ B5B2A4

■ 2139A4

■ C5BFA4

■ 112CA4

■ D5CCA4

■ 001EA4

■ E6DAA4

■ F6E7A4

■ FFF4A4

# Harmonies

## Analogous

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



5682A4



737CA4



8D759A

# Triad

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



737CA4



A27362



548873

# Complementary

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



737CA4



A49B73

# 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.



6B8561



737CA4



957957

# Square

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



737CA4



A66F74



818057



428988

# Rectangle

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



737CA4



9A718F



818057



5B876C



# Sweetspot

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



737CA4



C3C6D6



73A49A



5F616B



EBEBEB



6B6B6B



# Same Dimension

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



737CA4



8997D6



8273A4



494B52



001B91



000312



# Inverse Universe

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



A4737C



D68997



95A473



52494B



91001B

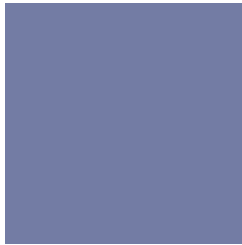


120003



# Previews

## White Background



This preview shows how the Hex color 737CA4 looks on a white background.

## Color Contrast Check

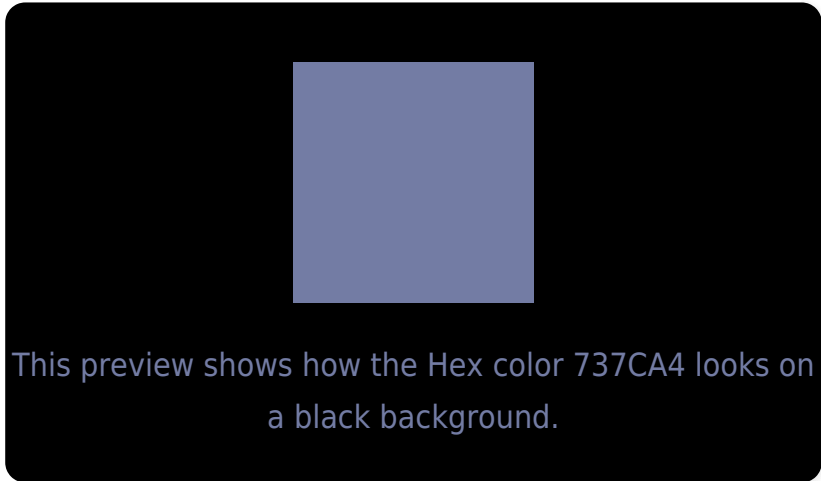
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

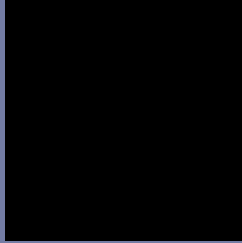
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

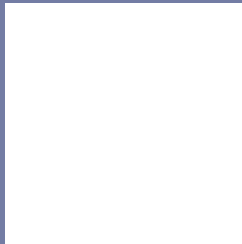
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 737CA4 Background



This preview shows how black text looks on a background with the Hex color 737CA4.



This preview shows how white text looks on a background with the Hex color 737CA4.

# 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**  
737CA4

**Protanopia**  
737CA4

**Deuteranopia**  
757BA4



**Tritanopia**  
6E818B

# Trichromacy



**Original Color**

737CA4

**Protanomaly**

737CA4

**Deuteranomaly**

747BA4

**Tritanomaly**

707F94

# Monochromacy



**Original Color**

737CA4

**Achromatopsia**

7E7E7E

**Achromatomaly**

7A7D8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737CA4 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 #737CA4 looks like.

```
.text, #text, p{  
    color:#737CA4  
}
```

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 #737CA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737CA4
}
```

## Border

The CSS property to change the border of an element to Hex 737CA4 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
#737CA4 }
```

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

```
.border{ border-color:#737CA4 }
```

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

Here you see how a box with a 4 pixel #737CA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737CA4; -webkit-box-shadow:4px 4px  
4px 4px #737CA4; box-shadow:4px 4px 4px  
4px #737CA4 }
```

# Background

The CSS property to change the background color of an element to Hex 737CA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737CA4 }
```

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

```
.background{ background-color:#737CA4 }
```

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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