

# Converting Colors

Hex(7392DA)

Have a look what the booklet for  
Hex(7392DA) contains.

<b>Hex(7392DA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(7392DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7392DA
RGB	115, 146, 218
RGB Percent	45%, 57%, 85%
CMY	0.5490, 0.4275, 0.1451
CMYK	0.47, 0.33, 0.00, 0.15
HSL	222°, 58%, 65%
HSV	222°, 47%, 85%
XYZ	30.0040, 29.2646, 70.3969
YIQ	144.9390, -41.5880, 15.8200

# Conversions

## Conversions Part 2

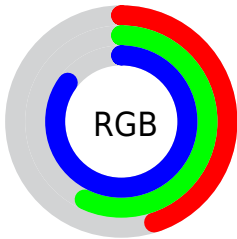
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	115, 139, 218
Decimal	7574234
CIE <sub>Lab</sub>	61.01, 8.49, -40.16
CIE <sub>LCh</sub>	61, 41.044, 281.936
Y <sub>xy</sub>	29.2646, 0.2314, 0.2257
Android (android.graphics.Color)	4285764314 (0xFF7392DA)
YUV	144.9390, 36.0191, -26.2565
Hunter-Lab	54.0967, 4.3333, -39.2873

# Details

The Hex color **7392DA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DABB73**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ABC8FF**, and **3A60A3** is the 20% darker color. If you saturate the color by 10%, you get **5D83DA**, and if you desaturate by 10%, it is **89A1DA**.

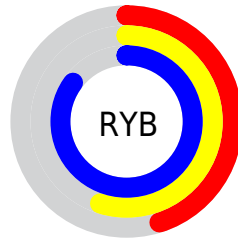
# Distribution



Red (45%)

Green (57%)

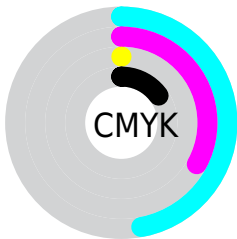
Blue (85%)



Red (45%)

Yellow (55%)

Blue (85%)

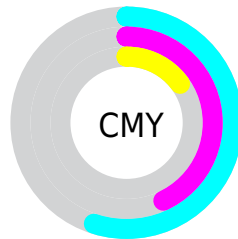


Cyan (47%)

Magenta (33%)

Yellow (0%)

Black (15%)



Cyan (55%)

Magenta (43%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7392DA 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 7392DA by changing the saturation by 10% instead.



 7392DA

 7392DA

FFFFFF

 5778BE

 ABC8FF

 3A60A3

 C8E4FF

 174888

 E5FFFF

 00326E

 001E56

 00033E

 000327

 000111

 000000

■ 7392DA

■ 7392DA

■ 5D83DA

■ 89A1DA

■ 4774DA

■ 9FB0DA

■ 3264DA

■ B4C0DA

■ 1C55DA

■ CACFDA

■ 0646DA

■ E0DEDA

■ 0042DA

■ F6EDDA

■ FFFDDA

■ FFFFDA

# Harmonies

## Analogous

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



159DD8



7392DA



A984C9

# Triad

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



7392DA



D27D64



41A47C

# Complementary

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



7392DA



DABB73

# 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.



749F5C



7392DA



BC894E

# Square

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



7392DA



D87686



9C964A



00A6A1

# Rectangle

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



7392DA



C27CB6



9C964A



54A370



# Sweetspot

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



7392DA



DBE6FF



73DAB9



6A7080



000000



808080



# Same Dimension

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



7392DA



6E99FF



8673DA



63666E



0034AD



000E2E



# Inverse Universe

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



DA7392



FF6E99



C7DA73



6E6366



AD0034

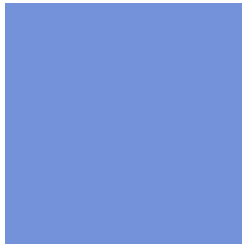


2E000E



# Previews

## White Background



This preview shows how the Hex color 7392DA looks on a white background.

## Color Contrast Check

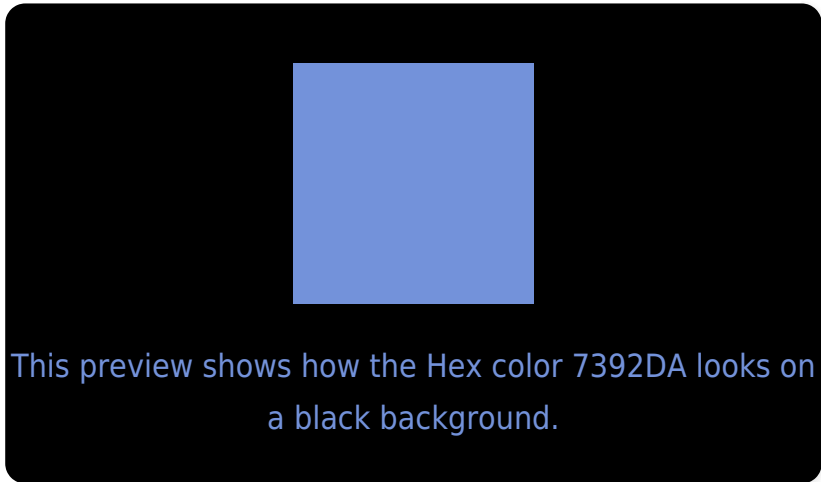
Large Text (above 18pt) WCAG AA ✓ Pass

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

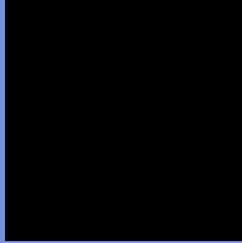
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7392DA Background



This preview shows how black text looks on a background with the Hex color 7392DA.

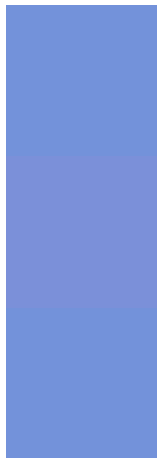


This preview shows how white text looks on a background with the Hex color 7392DA.

# 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**

7392DA

**Protanopia**

7B90D9

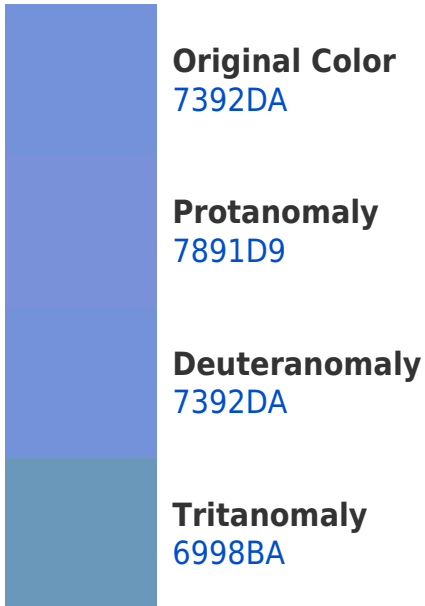
**Deuteranopia**

7392DA

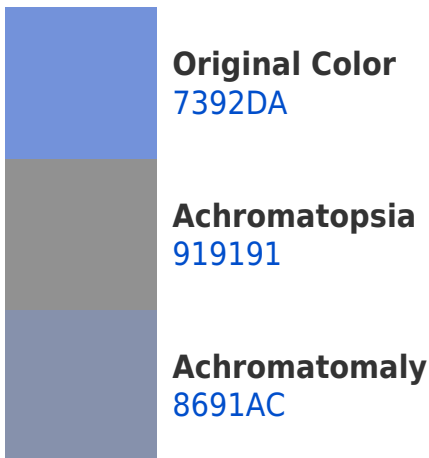


**Tritanopia**  
649CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7392DA 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 #7392DA looks like.

```
.text, #text, p{  
    color:#7392DA  
}
```

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 #7392DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7392DA
}
```

## Border

The CSS property to change the border of an element to Hex 7392DA 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
#7392DA }
```

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

```
.border{ border-color:#7392DA }
```

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

Here you see how a box with a 4 pixel #7392DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7392DA; -webkit-box-shadow:4px 4px  
4px 4px #7392DA; box-shadow:4px 4px 4px  
4px #7392DA }
```

# Background

The CSS property to change the background color of an element to Hex 7392DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7392DA }
```

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

```
.background{ background-color:#7392DA }
```

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