

# Converting Colors

Hex(7253A2)

Have a look what the booklet for  
Hex(7253A2) contains.

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# Color

Hex(7253A2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7253A2
RGB	114, 83, 162
RGB Percent	45%, 33%, 64%
CMY	0.5529, 0.6745, 0.3647
CMYK	0.30, 0.49, 0.00, 0.36
HSL	264°, 32%, 48%
HSV	264°, 49%, 64%
XYZ	16.5543, 12.3726, 35.6981
YIQ	101.2750, -6.8830, 31.1410

# Conversions

## Conversions Part 2

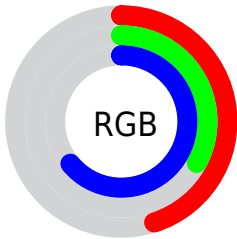
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	114, 83, 162
Decimal	7492514
CIELab	41.80, 30.08, -38.25
CIELCh	42, 48.661, 308.183
Yxy	12.3726, 0.2562, 0.1915
Android (android.graphics.Color)	4285682594 (0xFF7253A2)
YUV	101.2750, 29.9374, 11.1598
Hunter-Lab	35.1746, 22.4520, -35.5500

# Details

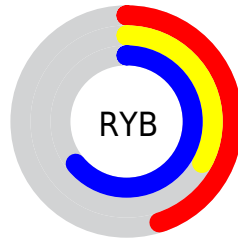
The Hex color **7253A2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **83A253**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A885D9**, and **3E256E** is the 20% darker color. If you saturate the color by 10%, you get **6843A2**, and if you desaturate by 10%, it is **7C63A2**.

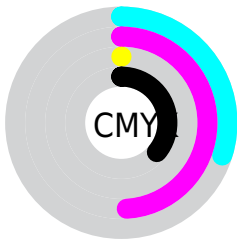
# Distribution



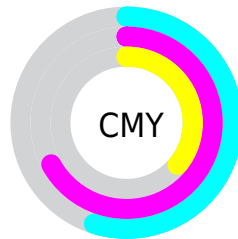
- Red (45%)
- Green (33%)
- Blue (64%)



- Red (45%)
- Yellow (33%)
- Blue (64%)



- Cyan (30%)
- Magenta (49%)
- Yellow (0%)
- Black (36%)



- Cyan (55%)
- Magenta (67%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7253A2 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 7253A2 by changing the saturation by 10% instead.



7253A2

7253A2

FFFFFF

583B87

A885D9

3E256E

C4A0F6

250F55

E0BBFF

0F003D

FDD7FF

000327

FFF3FF

000110

000000

7253A2

7253A2

6843A2

7C63A2

■ 5E33A2

■ 8673A2

■ 5422A2

■ 9084A2

■ 4B12A2

■ 9994A2

■ 4102A2

■ A3A4A2

■ 4000A2

■ ADB4A2

■ B7C4A2

■ C1D5A2

■ CBE5A2

# Harmonies

## Analogous

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



0E64B2



7253A2



9B4181

# Triad

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



7253A2



8E5612



00756D

# Complementary

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



7253A2



83A253

# 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.



007343



7253A2



6C6401

# Square

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



7253A2



A44533



416E1D



007493

# Rectangle

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



7253A2



A83B67



416E1D



00755F



# Sweetspot

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



7253A2



C0B4D4



5384A2



5F586B



EBEBEB



6B6B6B



# Same Dimension

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



7253A2



8857D4



9953A2



4D4952



390091



070012



# Inverse Universe

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



A25383



D457A3



5CA253



52494E



910058

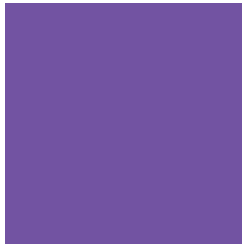


12000B



# Previews

## White Background



This preview shows how the Hex color 7253A2 looks on a white background.

## Color Contrast Check

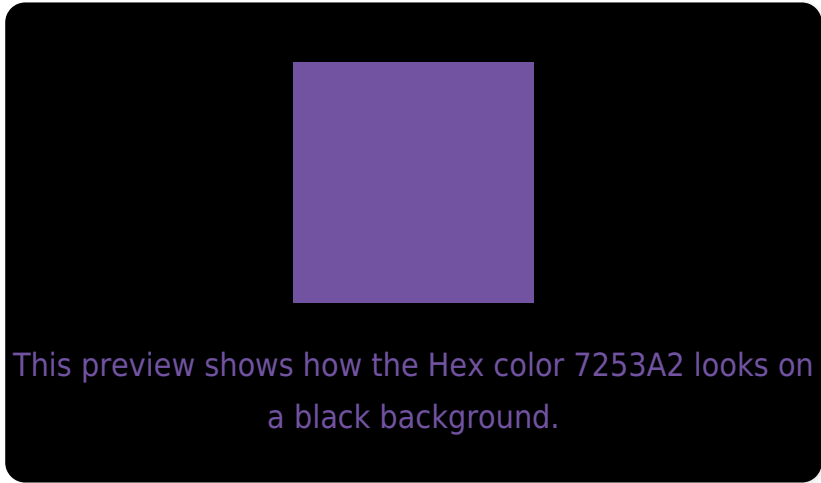
Large Text (above 18pt) WCAG AA ✓ Pass

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

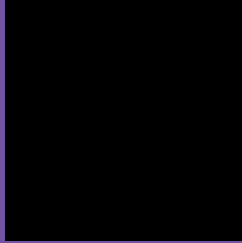
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7253A2 Background



This preview shows how black text looks on a background with the Hex color 7253A2.

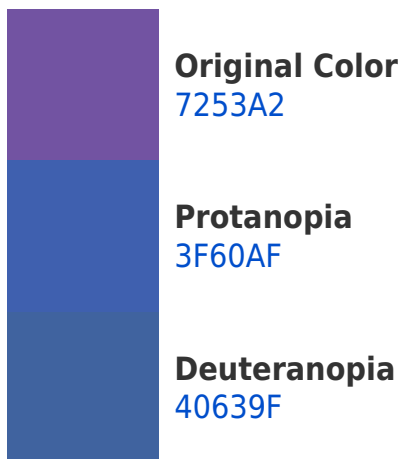


This preview shows how white text looks on a background with the Hex color 7253A2.

# 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](#).

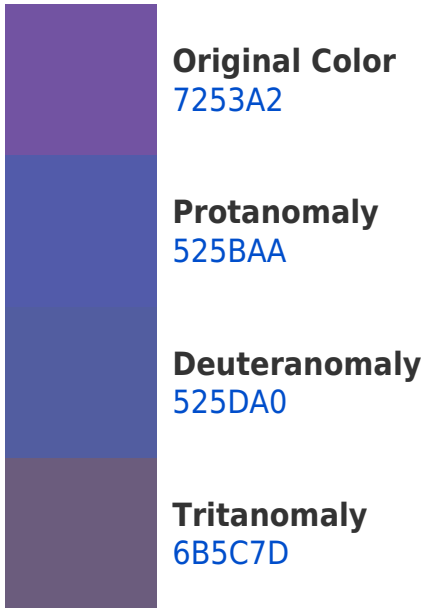
## Dichromacy



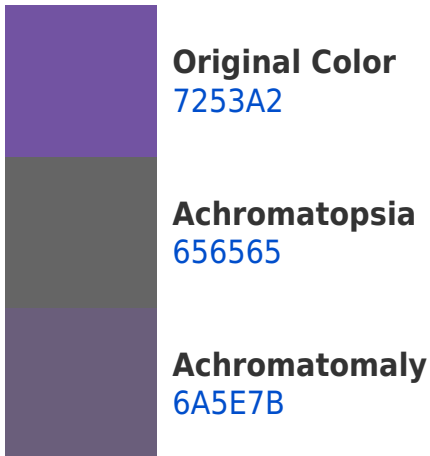


**Tritanopia**  
676168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7253A2 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 #7253A2 looks like.

```
.text, #text, p{  
    color:#7253A2  
}
```

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 #7253A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7253A2
}
```

## Border

The CSS property to change the border of an element to Hex 7253A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

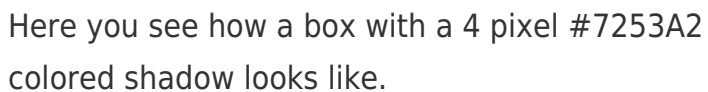
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7253A2 }
```

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

```
.border{ border-color:#7253A2 }
```

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



Here you see how a box with a 4 pixel #7253A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7253A2; -webkit-box-shadow:4px 4px  
4px 4px #7253A2; box-shadow:4px 4px 4px  
4px #7253A2 }
```

# Background

The CSS property to change the background color of an element to Hex 7253A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7253A2 }
```

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

```
.background{ background-color:#7253A2 }
```

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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