

# Converting Colors

Hex(7253A8)

Have a look what the booklet for  
Hex(7253A8) contains.

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# Color

**Hex(7253A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7253A8
RGB	114, 83, 168
RGB Percent	45%, 33%, 66%
CMY	0.5529, 0.6745, 0.3412
CMYK	0.32, 0.51, 0.00, 0.34
HSL	262°, 34%, 49%
HSV	262°, 51%, 66%
XYZ	17.1006, 12.5911, 38.5748
YIQ	101.9590, -8.8090, 33.0070

# Conversions

## Conversions Part 2

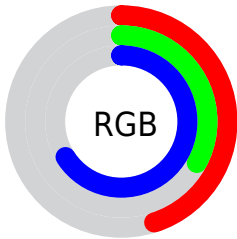
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 83, 168
Decimal	7492520
CIE <sub>Lab</sub>	42.14, 31.66, -41.28
CIE <sub>LCh</sub>	42, 52.021, 307.491
Yxy	12.5911, 0.2505, 0.1844
Android (android.graphics.Color)	4285682600 (0xFF7253A8)
YUV	101.9590, 32.5582, 10.5600
Hunter-Lab	35.4839, 23.9267, -39.6159

# Details

The Hex color **7253A8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **89A853**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A885E0**, and **3E2573** is the 20% darker color. If you saturate the color by 10%, you get **6742A8**, and if you desaturate by 10%, it is **7D64A8**.

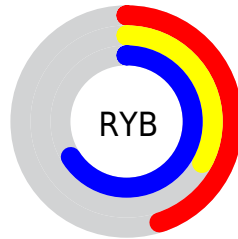
# Distribution



Red (45%)

Green (33%)

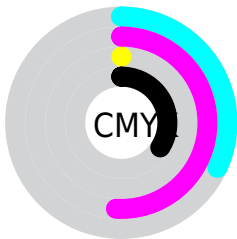
Blue (66%)



Red (45%)

Yellow (33%)

Blue (66%)

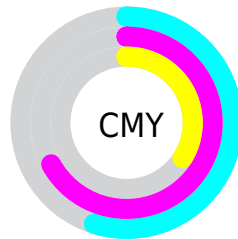


Cyan (32%)

Magenta (51%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (67%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7253A8 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 7253A8 by changing the saturation by 10% instead.



7253A8

7253A8

FFFFFF

583B8D

A885E0

3E2573

C4A0FD

230E5A

E1BBFF

0A0042

FED7FF

00032B

FFF3FF

000115

000000

7253A8

7253A8

6742A8

7D64A8

■ 5D31A8

■ 8775A8

■ 5221A8

■ 9285A8

■ 4710A8

■ 9D96A8

■ 3D00A8

■ A7A7A8

■ B2B8A8

■ BDC9A8

■ C7D9A8

■ D2EAA8

# Harmonies

## Analogous

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



0065B9



7253A8



9F3F85

# Triad

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



7253A8



91550A



00776D

# Complementary

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



7253A8



89A853

# 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.



007541



7253A8



6E6500

# Square

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



7253A8



A94231



406F16



007697

# Rectangle

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



7253A8



AD3769



406F16



00775E



# Sweetspot

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



7253A8



C6BADB



538AA8



615A6E



EDEDED



6E6E6E



# Same Dimension

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



7253A8



8656DB



9B53A8



4F4C54



360094



070014



# Inverse Universe

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



A85389



DB56AB



60A853



544C51



94005E



14000D



# Previews

## White Background



This preview shows how the Hex color 7253A8 looks on a white background.

## Color Contrast Check

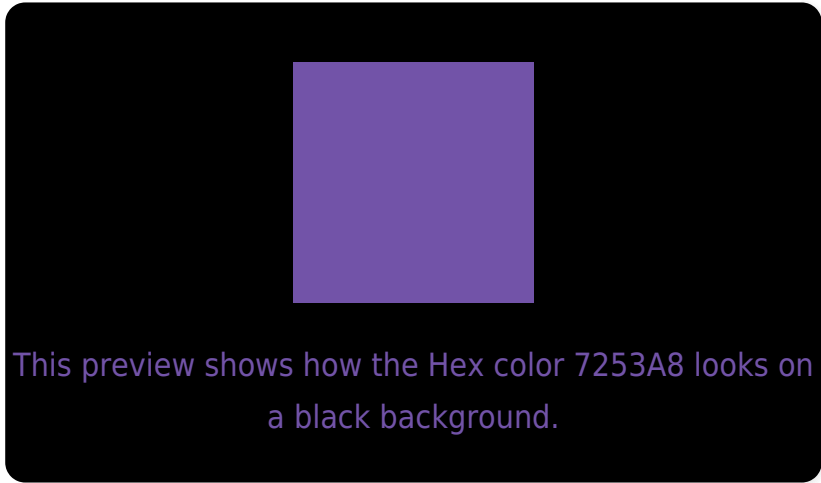
Large Text (above 18pt) WCAG AA ✓ Pass

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

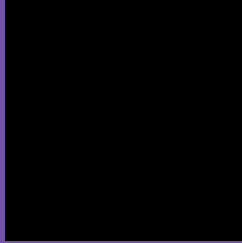
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7253A8 Background



This preview shows how black text looks on a background with the Hex color 7253A8.

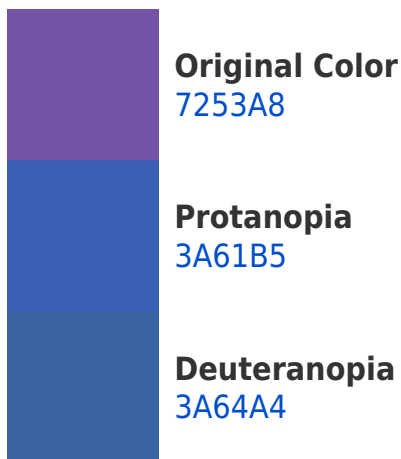



This preview shows how white text looks on a background with the Hex color 7253A8.

# 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**  
66626A

# Trichromacy



**Original Color**  
7253A8

**Protanomaly**  
4E5CB0

**Deuteranomaly**  
4E5EA5

**Tritanomaly**  
6A5D81

# Monochromacy



**Original Color**  
7253A8

**Achromatopsia**  
666666

**Achromatomaly**  
6A5F7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7253A8 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 #7253A8 looks like.

```
.text, #text, p{  
    color:#7253A8  
}
```

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 #7253A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7253A8
}
```

## Border

The CSS property to change the border of an element to Hex 7253A8 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
#7253A8 }
```

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

```
.border{ border-color:#7253A8 }
```

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

Here you see how a box with a 4 pixel #7253A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7253A8; -webkit-box-shadow:4px 4px  
4px 4px #7253A8; box-shadow:4px 4px 4px  
4px #7253A8 }
```

# Background

The CSS property to change the background color of an element to Hex 7253A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7253A8 }
```

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

```
.background{ background-color:#7253A8 }
```

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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