

# Converting Colors

Hex(7253AA)

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

<b>Hex(7253AA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7253AA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7253AA
RGB	114, 83, 170
RGB Percent	45%, 33%, 67%
CMY	0.5529, 0.6745, 0.3333
CMYK	0.33, 0.51, 0.00, 0.33
HSL	261°, 34%, 50%
HSV	261°, 51%, 67%
XYZ	17.2884, 12.6662, 39.5638
YIQ	102.1870, -9.4510, 33.6290

# Conversions

## Conversions Part 2

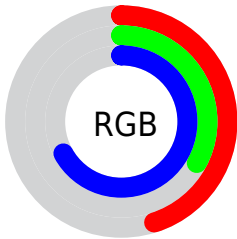
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 83, 170
Decimal	7492522
CIE Lab	42.26, 32.19, -42.28
CIE LCh	42, 53.138, 307.290
Yxy	12.6662, 0.2487, 0.1822
Android (android.graphics.Color)	4285682602 (0xFF7253AA)
YUV	102.1870, 33.4318, 10.3600
Hunter-Lab	35.5896, 24.4283, -40.9981

# Details

The Hex color **7253AA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8BAA53**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A885E2**, and **3E2475** is the 20% darker color. If you saturate the color by 10%, you get **6742AA**, and if you desaturate by 10%, it is **7D64AA**.

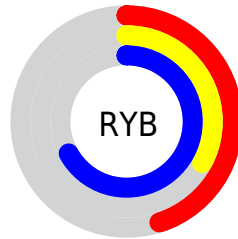
# Distribution



Red (45%)

Green (33%)

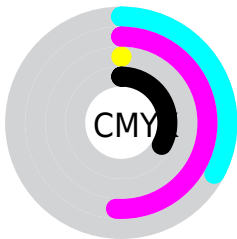
Blue (67%)



Red (45%)

Yellow (33%)

Blue (67%)

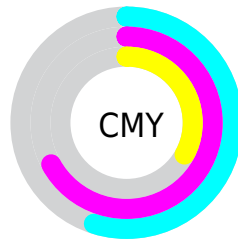


Cyan (33%)

Magenta (51%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (67%)

Yellow (33%)

# Brightness & Saturation Gradients

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



 7253AA

 7253AA

FFFFFF

 583B8F

 A885E2

 3E2475

 C4A0FF

 230E5C

 E1BBFF

 080044

 FED7FF

 00032D

 FFF3FF

 000117

 000000

 7253AA

 7253AA

 6742AA

 7D64AA

■ 5C31AA

■ 8875AA

■ 5120AA

■ 9386AA

■ 460FAA

■ 9E97AA

■ 3D00AA

■ A9A8AA

■ B4B9AA

■ BFCAAA

■ CADBAA

■ D4ECAA

# Harmonies

## Analogous

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



0066BB



7253AA



A03E86

# Triad

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



7253AA



935507



00786E

# Complementary

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



7253AA



8BAA53

# 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.



007640



7253AA



6F6500

# Square

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



7253AA



AB4131



3F7014



007798

# Rectangle

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



7253AA



AE366A



3F7014



00775E



# Sweetspot

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



7253AA



C8BDDE



538CAA



635C70



F0F0F0



707070



# Same Dimension

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



7253AA



8757DE



9D53AA



4F4C54



350094



070014



# Inverse Universe

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



AA538B



DE57AE



60AA53



544C51



94005F

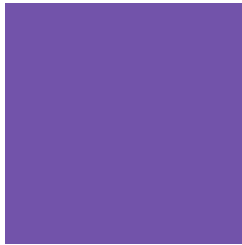


14000D



# Previews

## White Background



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

## Color Contrast Check

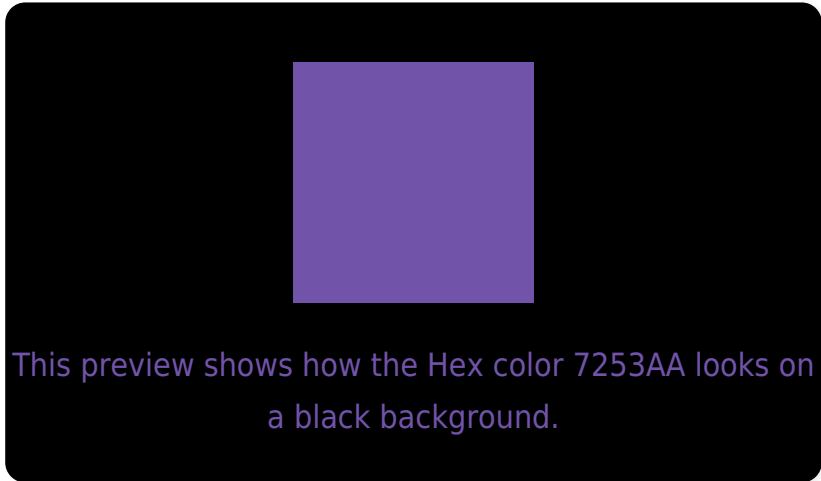
Large Text (above 18pt) WCAG AA ✓ Pass

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 7253AA Background



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

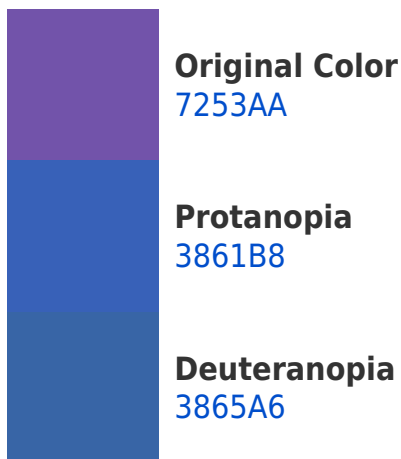



This preview shows how white text looks on a background with the Hex color 7253AA.

# 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**  
65636A

# Trichromacy



**Original Color**  
7253AA

**Protanomaly**  
4D5CB3

**Deuteranomaly**  
4D5EA7

**Tritanomaly**  
6A5D81

# Monochromacy



**Original Color**  
7253AA

**Achromatopsia**  
666666

**Achromatomaly**  
6A5F7F

# CSS Examples

## Text

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

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

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 #7253AA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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