

# Converting Colors

Hex(7243B0)

Have a look what the booklet for  
Hex(7243B0) contains.

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**Color**

**Hex(7243B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7243B0
RGB	114, 67, 176
RGB Percent	45%, 26%, 69%
CMY	0.5529, 0.7373, 0.3098
CMYK	0.35, 0.62, 0.00, 0.31
HSL	266°, 45%, 48%
HSV	266°, 62%, 69%
XYZ	16.7831, 10.7263, 42.2601
YIQ	93.4790, -6.9770, 43.8630

# Conversions

## Conversions Part 2

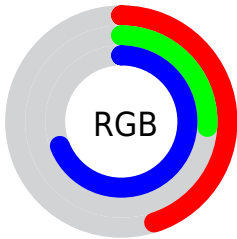
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 67, 176
Decimal	7488432
CIE <sub>Lab</sub>	39.12, 42.94, -50.86
CIE <sub>LCh</sub>	39, 66.565, 310.174
Yxy	10.7263, 0.2406, 0.1537
Android (android.graphics.Color)	4285678512 (0xFF7243B0)
YUV	93.4790, 40.6829, 17.9969
Hunter-Lab	32.7510, 34.1568, -53.5788

# Details

The Hex color **7243B0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **81B043**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AA75E8**, and **3B117B** is the 20% darker color. If you saturate the color by 10%, you get **6831B0**, and if you desaturate by 10%, it is **7C55B0**.

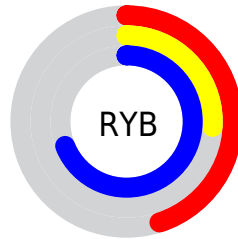
# Distribution



Red (45%)

Green (26%)

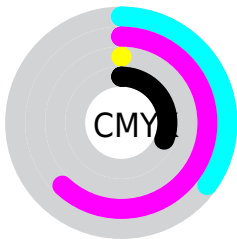
Blue (69%)



Red (45%)

Yellow (26%)

Blue (69%)

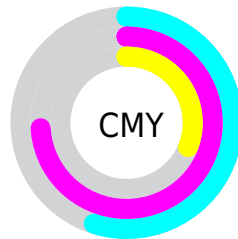


Cyan (35%)

Magenta (62%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (74%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7243B0 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 7243B0 by changing the saturation by 10% instead.



7243B0

7243B0

FFFFFF

572B95

AA75E8

3B117B

C690FF

1E0061

E3ABFF

010049

FFC6FF

000431

FFE3FF

00011B

000000

7243B0

7243B0

6831B0

7C55B0

■ 5E20B0

■ 8666B0

■ 540EB0

■ 9078B0

■ 4C00B0

■ 9A89B0

■ A49BB0

■ AEADB0

■ B8BEB0

■ C2D0B0

■ CCE1B0

# Harmonies

## Analogous

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



005DC8



7243B0



A81B82

# Triad

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



7243B0



8D4C00



00736E

# Complementary

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



7243B0



81B043

# 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.



007135



7243B0



606000

# Square

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



7243B0



AD2C17



1B6B00



0072A1

# Rectangle

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



7243B0



B6005E



1B6B00



00725B



# Sweetspot

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



7243B0



CDBAE6



4383B0



645873



F2F2F2



737373



# Same Dimension

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



7243B0



853CE6



A743B0



545059



420099



0B001A



# Inverse Universe

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



B04381



E63C9C



4CB043



595055



990057



1A000F



# Previews

## White Background



This preview shows how the Hex color 7243B0 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

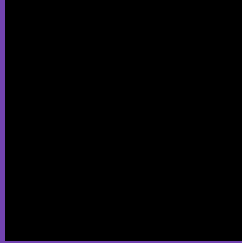
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7243B0 Background



This preview shows how black text looks on a background with the Hex color 7243B0.

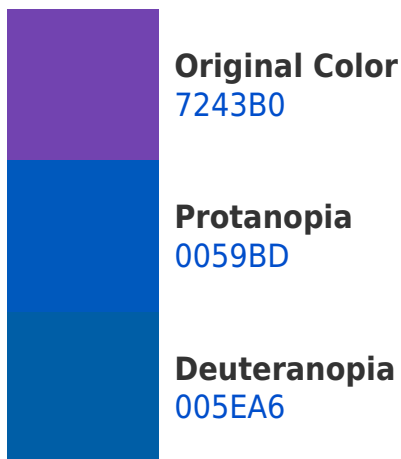


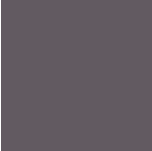
This preview shows how white text looks on a background with the Hex color 7243B0.

# 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](#).

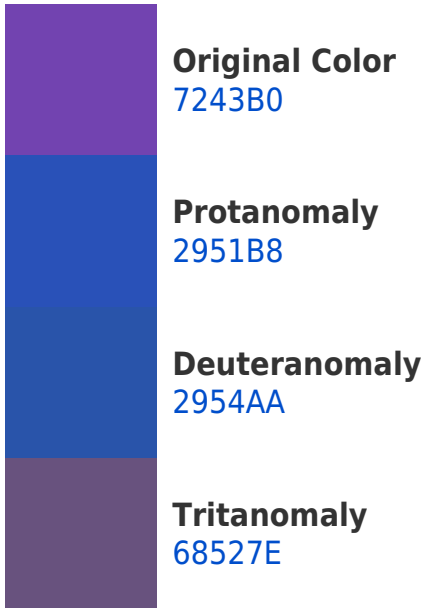
## Dichromacy



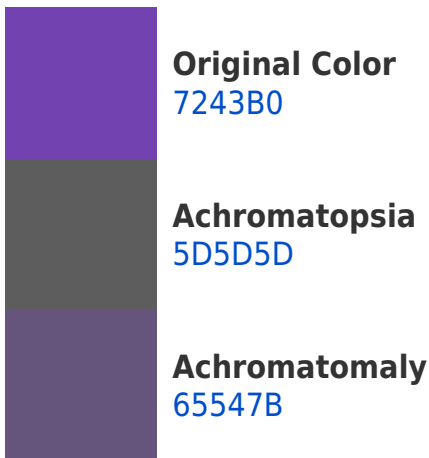


**Tritanopia**  
625A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7243B0 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 #7243B0 looks like.

```
.text, #text, p{  
    color:#7243B0  
}
```

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 #7243B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7243B0
}
```

## Border

The CSS property to change the border of an element to Hex 7243B0 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
#7243B0 }
```

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

```
.border{ border-color:#7243B0 }
```

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

Here you see how a box with a 4 pixel #7243B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7243B0; -webkit-box-shadow:4px 4px  
4px 4px #7243B0; box-shadow:4px 4px 4px  
4px #7243B0 }
```

# Background

The CSS property to change the background color of an element to Hex 7243B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7243B0 }
```

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

```
.background{ background-color:#7243B0 }
```

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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