

# Converting Colors

Hex(7237A4)

Have a look what the booklet for  
Hex(7237A4) contains.

<b>Hex(7237A4)</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(7237A4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7237A4
RGB	114, 55, 164
RGB Percent	45%, 22%, 64%
CMY	0.5529, 0.7843, 0.3569
CMYK	0.30, 0.66, 0.00, 0.36
HSL	272°, 50%, 43%
HSV	272°, 66%, 64%
XYZ	15.0065, 8.9901, 36.0663
YIQ	85.0670, 0.1750, 46.4070

# Conversions

## Conversions Part 2

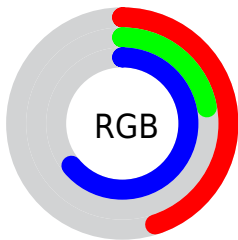
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 55, 164
Decimal	7485348
CIE <sub>Lab</sub>	35.97, 46.25, -48.79
CIE <sub>LCh</sub>	36, 67.226, 313.473
Yxy	8.9901, 0.2498, 0.1497
Android (android.graphics.Color)	4285675428 (0xFF7237A4)
YUV	85.0670, 38.9140, 25.3742
Hunter-Lab	29.9835, 36.8663, -50.3297

# Details

The Hex color **7237A4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **69A437**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A96ADC**, and **3C006F** is the 20% darker color. If you saturate the color by 10%, you get **6A27A4**, and if you desaturate by 10%, it is **7A47A4**.

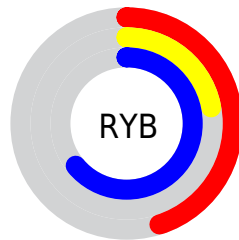
# Distribution



Red (45%)

Green (22%)

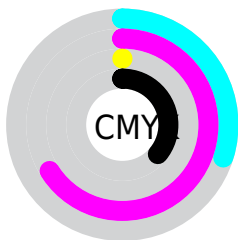
Blue (64%)



Red (45%)

Yellow (22%)

Blue (64%)

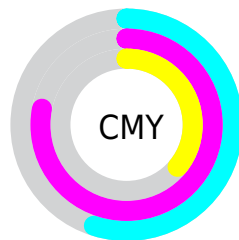


Cyan (30%)

Magenta (66%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (78%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7237A4 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 7237A4 by changing the saturation by 10% instead.



 7237A4

 7237A4

FFFFFF

 571D89

 A96ADC

 3C006F

 C684F9

 200056

 E39FFF

 00003E

 FFBAFF

 000327

 FFD7FF

 000111

 FFF3FF

 000000

 7237A4

 7237A4

 6A27A4

 7A47A4

6316A4

8158A4

5B06A4

8968A4

5900A4

9079A4

9889A4

9F99A4

A7AAA4

AEBA4

B6CBA4

# Harmonies

## Analogous

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



0054BF



7237A4



A30075

# Triad

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



7237A4



804700



006B6C

# Complementary

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



7237A4



69A437

# 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.



006934



7237A4



525A00

# Square

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



7237A4



A12606



006400



006A9F

# Rectangle

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



7237A4



AF0051



006400



006A5A



# Sweetspot

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



7237A4



C3ABD6



376AA4



5F516B



EBEBEB



6B6B6B



# Same Dimension

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



7237A4



882BD6



A437A0



4E4952



4F0091



0A0012



# Inverse Universe

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



A43769



D62B79



37A43B



52494D



910043

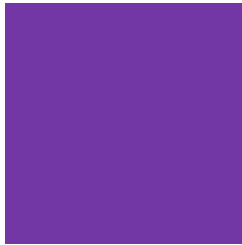


120008



# Previews

## White Background



This preview shows how the Hex color 7237A4 looks on a white background.

## Color Contrast Check

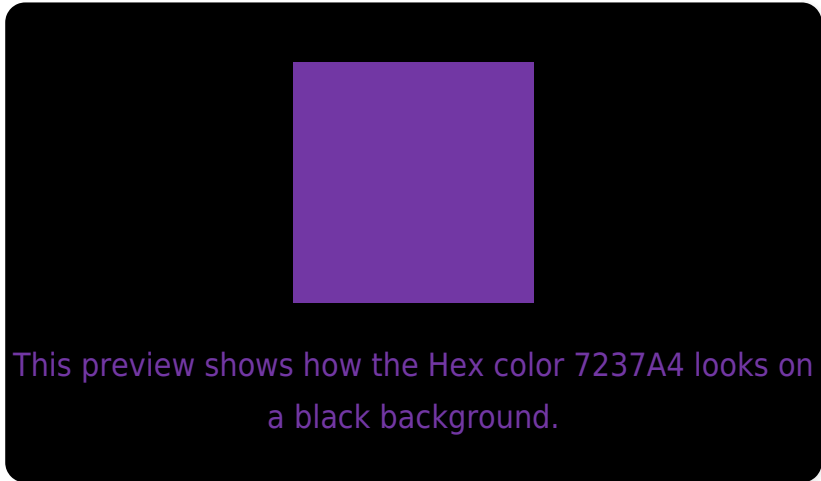
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

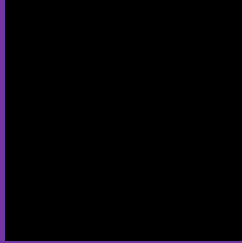
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7237A4 Background



This preview shows how black text looks on a background with the Hex color 7237A4.



This preview shows how white text looks on a background with the Hex color 7237A4.

# 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](#).

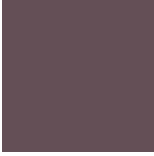
## Dichromacy



**Original Color**  
7237A4

**Protanopia**  
0052AE

**Deuteranopia**  
005799



**Tritanopia**  
644F56

# Trichromacy



**Original Color**  
7237A4



**Protanomaly**  
2948AA



**Deuteranomaly**  
294B9D



**Tritanomaly**  
694672

# Monochromacy



**Original Color**  
7237A4



**Achromatopsia**  
555555



**Achromatomaly**  
604A72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7237A4 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 #7237A4 looks like.

```
.text, #text, p{  
    color:#7237A4  
}
```

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 #7237A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7237A4
}
```

## Border

The CSS property to change the border of an element to Hex 7237A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

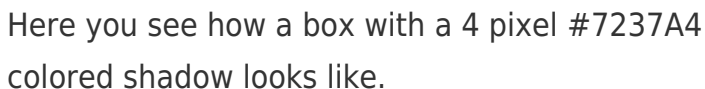
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7237A4 }
```

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

```
.border{ border-color:#7237A4 }
```

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



Here you see how a box with a 4 pixel #7237A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7237A4; -webkit-box-shadow:4px 4px  
4px 4px #7237A4; box-shadow:4px 4px 4px  
4px #7237A4 }
```

# Background

The CSS property to change the background color of an element to Hex 7237A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7237A4 }
```

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

```
.background{ background-color:#7237A4 }
```

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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