

Converting Colors

Hex(7347A2)

Have a look what the booklet for
Hex(7347A2) contains.

Hex(7347A2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7347A2)

Conversions

Conversions Part 1

Format	Color
Hex	7347A2
RGB	115, 71, 162
RGB Percent	45%, 28%, 64%
CMY	0.5490, 0.7216, 0.3647
CMYK	0.29, 0.56, 0.00, 0.36
HSL	269°, 39%, 46%
HSV	269°, 56%, 64%
XYZ	15.8451, 10.7599, 35.4242
YIQ	94.5300, -2.9870, 37.6290

Conversions

Conversions Part 2

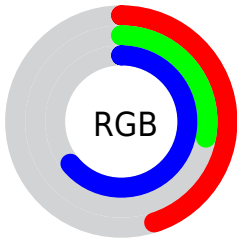
Format	Color
R_{YB}	115, 71, 162
Decimal	7554978
CIE _{Lab}	39.17, 37.37, -42.43
CIE _{LCh}	39, 56.538, 311.371
Yxy	10.7599, 0.2554, 0.1735
Android (android.graphics.Color)	4285745058 (0xFF7347A2)
YUV	94.5300, 33.2627, 17.9522
Hunter-Lab	32.8024, 28.8196, -41.0672

Details

The Hex color **7347A2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **76A247**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A979D9**, and **3F176E** is the 20% darker color. If you saturate the color by 10%, you get **6B37A2**, and if you desaturate by 10%, it is **7B57A2**.

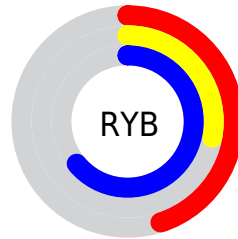
Distribution



Red (45%)

Green (28%)

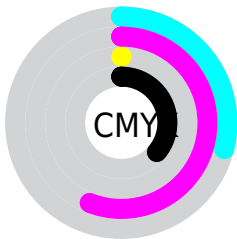
Blue (64%)



Red (45%)

Yellow (28%)

Blue (64%)

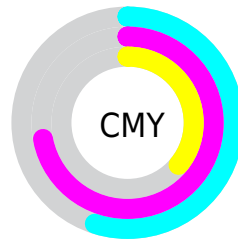


Cyan (29%)

Magenta (56%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (72%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7347A2 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 7347A2 by changing the saturation by 10% instead.

7347A2

7347A2

FFFFFF

592F87

A979D9

3F176E

C693F6

240055

E2AEFF

0F003D

FFCAFF

000326

FFE6FF

00010F

000000

7347A2

7347A2

6B37A2

7B57A2

6227A2

8467A2

5A16A2

8C78A2

5206A2

9488A2

4E00A2

9D98A2

A5A8A2

AEB8A2

B6C9A2

BED9A2

Harmonies

Analogous

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



005CB7



7347A2



9F2E7B

Triad

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



7347A2



874F00



00716D

Complementary

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



7347A2



76A247

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.



006F3D



7347A2



606000

Square

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



7347A2



A33921



2A6A08



006F98

Rectangle

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



7347A2



AB255C



2A6A08



00705D

Sweetspot

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



7347A2



C1B0D4



4776A2



60566B



EBEBEB



6B6B6B

Same Dimension

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



7347A2



8A46D4



A047A2



4D4952



460091



090012

Inverse Universe

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



A24776



D4468F



49A247



52494E



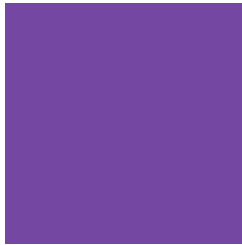
91004B



120009

Previews

White Background



This preview shows how the Hex color 7347A2 looks on a white background.

Color Contrast Check

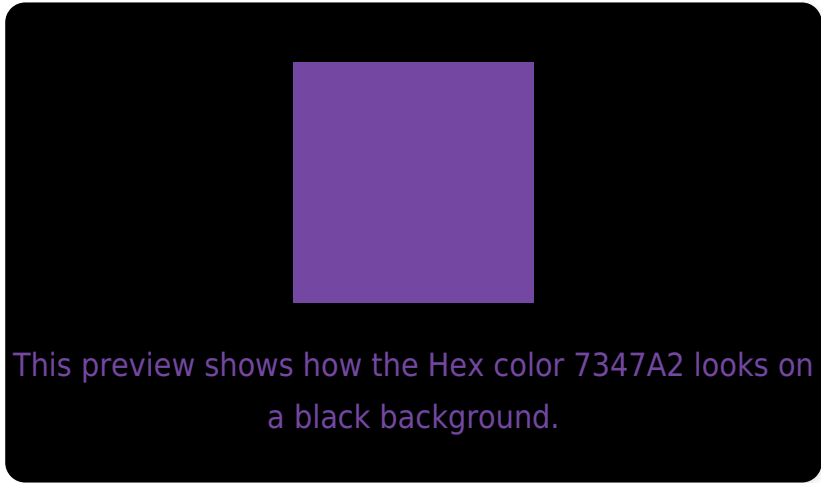
Large Text (above 18pt) WCAG AA ✓ Pass

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

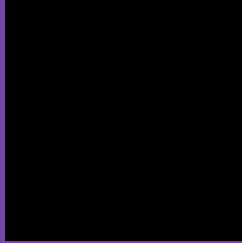
Any Text WCAG AA × Fail

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 7347A2 Background



This preview shows how black text looks on a background with the Hex color 7347A2.

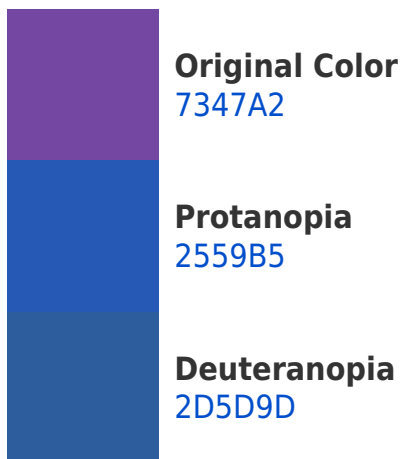



This preview shows how white text looks on a background with the Hex color 7347A2.

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
67595F

Trichromacy



Original Color
7347A2



Protanomaly
4152AE



Deuteranomaly
46559F



Tritanomaly
6B5277

Monochromacy



Original Color
7347A2



Achromatopsia
5F5F5F



Achromatomaly
665677

CSS Examples

Text

The CSS property to change the color of the text to Hex 7347A2 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 #7347A2 looks like.

```
.text, #text, p{  
    color:#7347A2  
}
```

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 #7347A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7347A2
}
```

Border

The CSS property to change the border of an element to Hex 7347A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

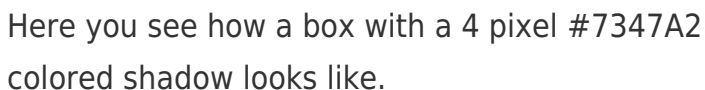
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7347A2 }
```

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

```
.border{ border-color:#7347A2 }
```

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



Here you see how a box with a 4 pixel #7347A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7347A2; -webkit-box-shadow:4px 4px  
4px 4px #7347A2; box-shadow:4px 4px 4px  
4px #7347A2 }
```

Background

The CSS property to change the background color of an element to Hex 7347A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7347A2 }
```

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

```
.background{ background-color:#7347A2 }
```

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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