

Converting Colors

Hex(3923A7)

Have a look what the booklet for
Hex(3923A7) contains.

Hex(3923A7)	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(3923A7)

Conversions

Conversions Part 1

Format	Color
Hex	3923A7
RGB	57, 35, 167
RGB Percent	22%, 14%, 65%
CMY	0.7765, 0.8627, 0.3451
CMYK	0.66, 0.79, 0.00, 0.35
HSL	250°, 65%, 40%
HSV	250°, 79%, 65%
XYZ	9.2634, 4.8619, 37.0094
YIQ	56.6260, -29.2600, 45.7160

Conversions

Conversions Part 2

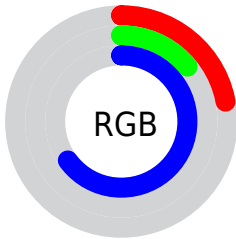
Format	Color
RYB	57, 35, 167
Decimal	3744679
CIELab	26.34, 47.61, -66.58
CIELCh	26, 81.851, 305.567
Yxy	4.8619, 0.1812, 0.0951
Android (android.graphics.Color)	4281934759 (0xFF3923A7)
YUV	56.6260, 54.4144, 0.3280
Hunter-Lab	22.0498, 36.4031, -84.0802

Details

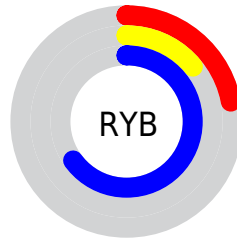
The Hex color **3923A7** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **91A723**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7754DF**, and **000072** is the 20% darker color. If you saturate the color by 10%, you get **2B12A7**, and if you desaturate by 10%, it is **4734A7**.

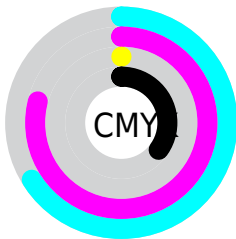
Distribution



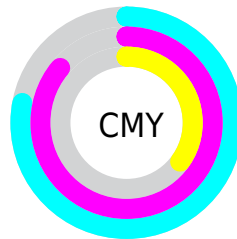
- Red (22%)
- Green (14%)
- Blue (65%)



- Red (22%)
- Yellow (14%)
- Blue (65%)



- Cyan (66%)
- Magenta (79%)
- Yellow (0%)
- Black (35%)



- Cyan (78%)
- Magenta (86%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3923A7 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 3923A7 by changing the saturation by 10% instead.

■ 3923A7

■ 3923A7

FFFFFF

■ 0C098C

■ 7754DF

■ 000072

■ 946DFC

■ 000058

■ B187FF

■ 000740

■ CFA2FF

■ 000329

■ EDBDFF

■ 000113

■ FFD9FF

■ 000000

■ FFF6FF

■ 3923A7

■ 3923A7

■ 2B12A7

■ 4734A7

■ 1D02A7

■ 5544A7

■ 1C00A7

■ 6355A7

■ 7166A7

■ 7F76A7

■ 8D87A7

■ 9A98A7

■ A8A9A7

■ B6B9A7

Harmonies

Analogous

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



0046BF



3923A7



8C0073

Triad

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



3923A7



742300



005349

Complementary

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



3923A7



91A723

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.



005100



3923A7



434000

Square

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



3923A7



960000



004C00



005487

Rectangle

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



3923A7



9F004B



004C00



005233

Sweetspot

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



3923A7



ADA5D9



2391A7



534E6E



EDEDED



6E6E6E

Same Dimension

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



3923A7



2D0BD9



7B23A7



4D4C54



190094



030014

Inverse Universe

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



A72391



D90BB6



4FA723



544C53



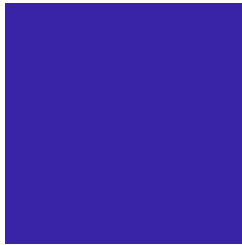
94007B



140011

Previews

White Background



This preview shows how the Hex color 3923A7 looks on a white background.

Color Contrast Check

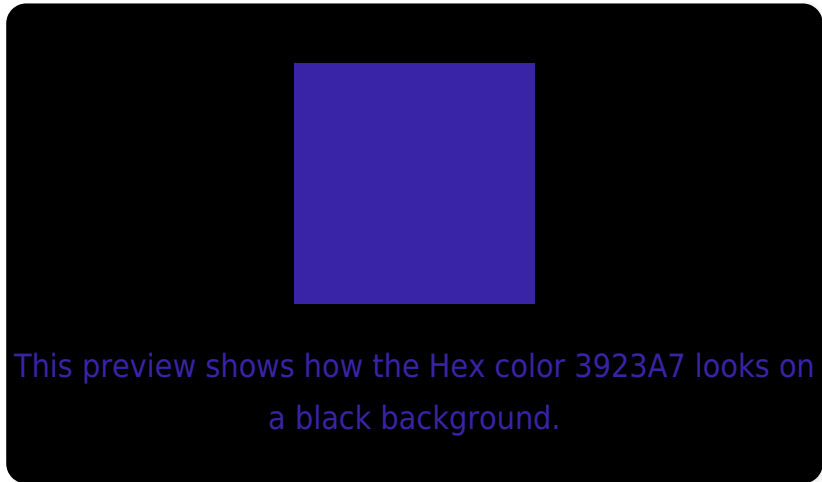
Large Text (above 18pt) WCAG AA ✓ Pass

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

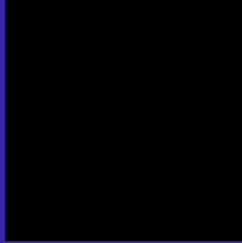
Any Text WCAG AA × Fail

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 3923A7 Background



This preview shows how black text looks on a background with the Hex color 3923A7.



This preview shows how white text looks on a background with the Hex color 3923A7.

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
3923A7

Protanopia
003D7F

Deuteranopia
00416C



Tritanopia
00464A

Trichromacy



Original Color
3923A7

Protanomaly
15348E

Deuteranomaly
153681

Tritanomaly
15396C

Monochromacy



Original Color
3923A7

Achromatopsia
393939

Achromatomaly
393161

CSS Examples

Text

The CSS property to change the color of the text to Hex 3923A7 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 #3923A7 looks like.

```
.text, #text, p{  
    color:#3923A7  
}
```

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 #3923A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3923A7
}
```

Border

The CSS property to change the border of an element to Hex 3923A7 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
#3923A7 }
```

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

```
.border{ border-color:#3923A7 }
```

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

Here you see how a box with a 4 pixel #3923A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3923A7; -webkit-box-shadow:4px 4px  
4px 4px #3923A7; box-shadow:4px 4px 4px  
4px #3923A7 }
```

Background

The CSS property to change the background color of an element to Hex 3923A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3923A7 }
```

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

```
.background{ background-color:#3923A7 }
```

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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