

Converting Colors

Hex(3947A4)

Have a look what the booklet for
Hex(3947A4) contains.

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Color

Hex(3947A4)

Conversions

Conversions Part 1

Format	Color
Hex	3947A4
RGB	57, 71, 164
RGB Percent	22%, 28%, 64%
CMY	0.7765, 0.7216, 0.3569
CMYK	0.65, 0.57, 0.00, 0.36
HSL	232°, 48%, 43%
HSV	232°, 65%, 64%
XYZ	10.6414, 8.0567, 36.1162
YIQ	77.4160, -38.1970, 25.9550

Conversions

Conversions Part 2

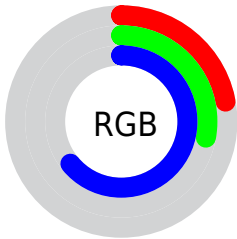
Format	Color
RYB	57, 69, 164
Decimal	3753892
CIELab	34.10, 25.03, -52.06
CIElCh	34, 57.771, 295.680
Yxy	8.0567, 0.1941, 0.1470
Android (android.graphics.Color)	4281943972 (0xFF3947A4)
YUV	77.4160, 42.6859, -17.9048
Hunter-Lab	28.3843, 17.2482, -55.5717

Details

The Hex color **3947A4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A49639**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7377DC**, and **001C6F** is the 20% darker color. If you saturate the color by 10%, you get **2939A4**, and if you desaturate by 10%, it is **4955A4**.

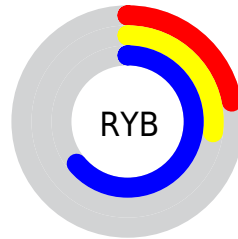
Distribution



Red (22%)

Green (28%)

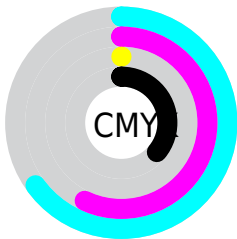
Blue (64%)



Red (22%)

Yellow (27%)

Blue (64%)

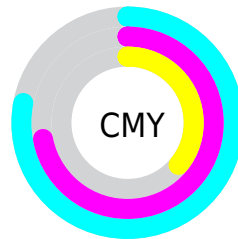


Cyan (65%)

Magenta (57%)

Yellow (0%)

Black (36%)



Cyan (78%)

Magenta (72%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3947A4 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 3947A4 by changing the saturation by 10% instead.

■ 3947A4

■ 3947A4

FFFFFF

■ 133189

■ 7377DC

■ 001C6F

■ 9091F9

■ 000656

■ ACABFF

■ 00063E

■ C9C7FF

■ 000327

■ E7E3FF

■ 000111

■ 000000

■ 3947A4

■ 3947A4

■ 2939A4

■ 4955A4

■ 182AA4

■ 5A64A4

■ 081CA4

■ 6A72A4

■ 0015A4

■ 7B80A4

■ 8B8EA4

■ 9B9DA4

■ ACABA4

■ BCB9A4

■ CDC7A4

Harmonies

Analogous

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



0058AD



3947A4



7F2C85

Triad

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



3947A4



893700



006348

Complementary

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



3947A4



A49639

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.



006016



3947A4



684C00

Square

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



3947A4



9D1A2C



3C5900



006477

Rectangle

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



3947A4



951768



3C5900



006238

Sweetspot

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



3947A4



ABB1D6



39A496



51556B



EBEBEB



6B6B6B

Same Dimension

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



3947A4



2F45D6



6039A4



494B52



001391



000212

Inverse Universe

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



A43947



D62F45



7DA439



52494B



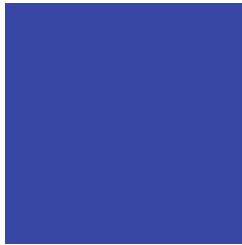
910013



120002

Previews

White Background



This preview shows how the Hex color 3947A4 looks on a white background.

Color Contrast Check

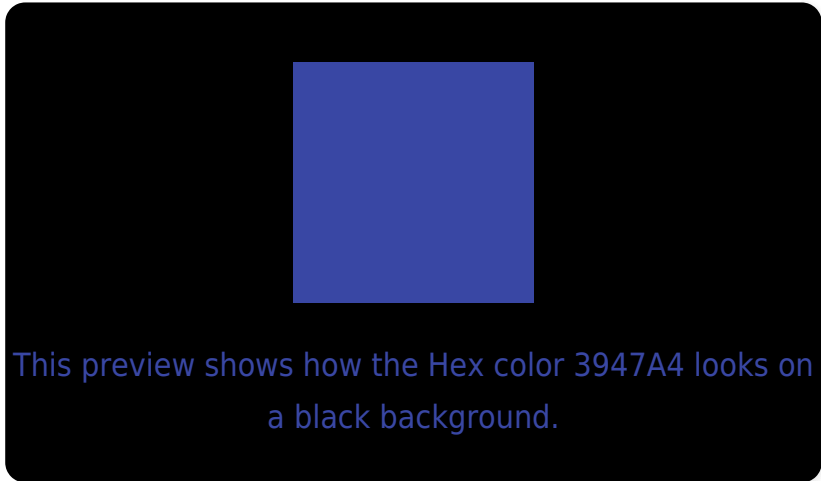
Large Text (above 18pt) WCAG AA ✓ Pass

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 3947A4 Background



This preview shows how black text looks on a background with the Hex color 3947A4.

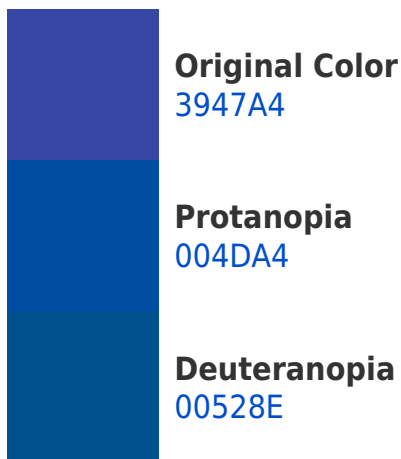


This preview shows how white text looks on a background with the Hex color 3947A4.

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



Trichromacy



Original Color
3947A4

Protanomaly
154BA4

Deuteranomaly
154E96

Tritanomaly
155279

Monochromacy



Original Color
3947A4

Achromatopsia
4D4D4D

Achromatomaly
464B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3947A4 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 #3947A4 looks like.

```
.text, #text, p{  
    color:#3947A4  
}
```

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 #3947A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3947A4
}
```

Border

The CSS property to change the border of an element to Hex 3947A4 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
#3947A4 }
```

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

```
.border{ border-color:#3947A4 }
```

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

Here you see how a box with a 4 pixel #3947A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3947A4; -webkit-box-shadow:4px 4px  
4px 4px #3947A4; box-shadow:4px 4px 4px  
4px #3947A4 }
```

Background

The CSS property to change the background color of an element to Hex 3947A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3947A4 }
```

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

```
.background{ background-color:#3947A4 }
```

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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