

Converting Colors

Hex(3C4DA2)

Have a look what the booklet for
Hex(3C4DA2) contains.

Hex(3C4DA2)	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(3C4DA2)

Conversions

Conversions Part 1

Format	Color
Hex	3C4DA2
RGB	60, 77, 162
RGB Percent	24%, 30%, 64%
CMY	0.7647, 0.6980, 0.3647
CMYK	0.63, 0.52, 0.00, 0.36
HSL	230°, 46%, 44%
HSV	230°, 63%, 64%
XYZ	11.0389, 8.8770, 35.3140
YIQ	81.6070, -37.4170, 22.8310

Conversions

Conversions Part 2

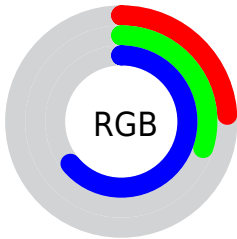
Format	Color
RYB	60, 75, 162
Decimal	3952034
CIELab	35.75, 20.90, -48.19
CIELCh	36, 52.533, 293.449
Yxy	8.8770, 0.1999, 0.1607
Android (android.graphics.Color)	4282142114 (0xFF3C4DA2)
YUV	81.6070, 39.6337, -18.9493
Hunter-Lab	29.7944, 13.9949, -49.4179

Details

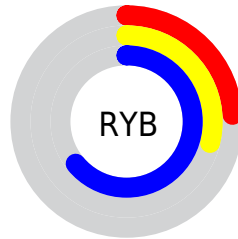
The Hex color **3C4DA2** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A2913C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **757EDA**, and **00226D** is the 20% darker color. If you saturate the color by 10%, you get **2C40A2**, and if you desaturate by 10%, it is **4C5BA2**.

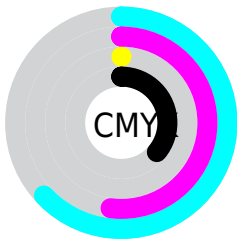
Distribution



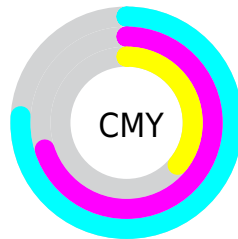
- Red (24%)
- Green (30%)
- Blue (64%)



- Red (24%)
- Yellow (29%)
- Blue (64%)



- Cyan (63%)
- Magenta (52%)
- Yellow (0%)
- Black (36%)



- Cyan (76%)
- Magenta (70%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4DA2 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 3C4DA2 by changing the saturation by 10% instead.

■ 3C4DA2

■ 3C4DA2

FFFFFF

■ 1A3787

■ 757EDA

■ 00226D

■ 9197F6

■ 000E55

■ AEB2FF

■ 00043D

■ CBCEFF

■ 000226

■ E8EAFF

■ 00010F

■ 000000

■ 3C4DA2

■ 3C4DA2

■ 2C40A2

■ 4C5BA2

■ 1C32A2

■ 5C68A2

■ 0B25A2

■ 6D76A2

■ 001BA2

■ 7D83A2

■ 8D91A2

■ 9D9EA2

■ ADABA2

■ BEB9A2

■ CEC6A2

Harmonies

Analogous

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



005CA8



3C4DA2



7D3887

Triad

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



3C4DA2



8C3C0C



006649

Complementary

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



3C4DA2



A2913C

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.



00631D



3C4DA2



6E4F00

Square

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



3C4DA2



9C2835



475C00



006775

Rectangle

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



3C4DA2



93296D



475C00



00653A

Sweetspot

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



3C4DA2



ABB2D4



3CA291



52576B



EBEBEB



6B6B6B

Same Dimension

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



3C4DA2



334ED4



5E3CA2



494B52



001891



000312

Inverse Universe

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



A23C4D



D4334E



80A23C



52494B



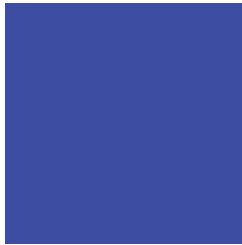
910018



120003

Previews

White Background



This preview shows how the Hex color 3C4DA2 looks on a white background.

Color Contrast Check

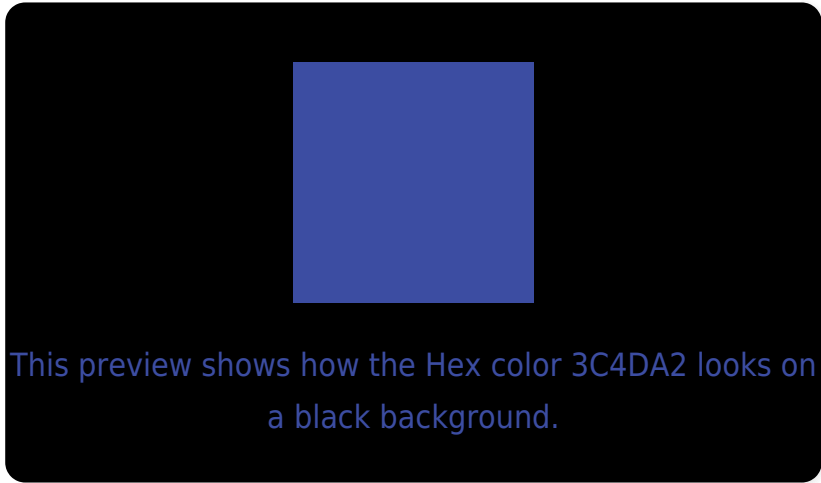
Large Text (above 18pt) WCAG AA ✓ Pass

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

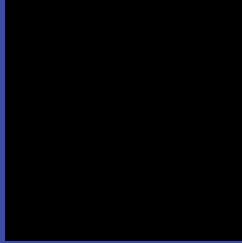
Any Text WCAG AA × Fail

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 3C4DA2 Background



This preview shows how black text looks on a background with the Hex color 3C4DA2.

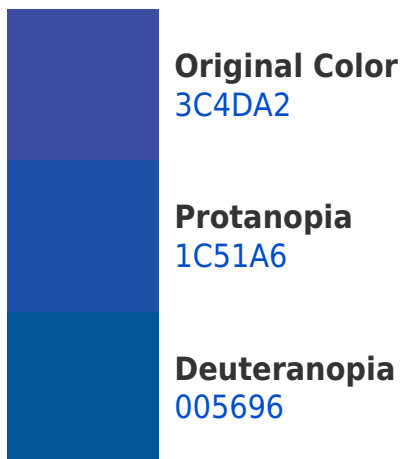



This preview shows how white text looks on a background with the Hex color 3C4DA2.

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
195C64

Trichromacy



Original Color
3C4DA2

Protanomaly
2850A5

Deuteranomaly
16539A

Tritanomaly
26577B

Monochromacy



Original Color
3C4DA2

Achromatopsia
525252

Achromatomaly
4A506F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4DA2 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 #3C4DA2 looks like.

```
.text, #text, p{  
  color:#3C4DA2  
}
```

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 #3C4DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4DA2
}
```

Border

The CSS property to change the border of an element to Hex 3C4DA2 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
#3C4DA2 }
```

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

```
.border{ border-color:#3C4DA2 }
```

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

Here you see how a box with a 4 pixel #3C4DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4DA2; -webkit-box-shadow:4px 4px  
4px 4px #3C4DA2; box-shadow:4px 4px 4px  
4px #3C4DA2 }
```

Background

The CSS property to change the background color of an element to Hex 3C4DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4DA2 }
```

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

```
.background{ background-color:#3C4DA2 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor