

Converting Colors

Hex(3D4DCA)

Have a look what the booklet for
Hex(3D4DCA) contains.

Hex(3D4DCA)	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(3D4DCA)

Conversions

Conversions Part 1

Format	Color
Hex	3D4DCA
RGB	61, 77, 202
RGB Percent	24%, 30%, 79%
CMY	0.7608, 0.6980, 0.2078
CMYK	0.70, 0.62, 0.00, 0.21
HSL	233°, 57%, 52%
HSV	233°, 70%, 79%
XYZ	15.2390, 10.5641, 57.1130
YIQ	86.4660, -49.6610, 35.4830

Conversions

Conversions Part 2

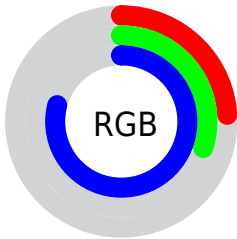
Format	Color
RYB	61, 75, 202
Decimal	4017610
CIELab	38.84, 35.27, -66.75
CIELCh	39, 75.493, 297.848
Yxy	10.5641, 0.1838, 0.1274
Android (android.graphics.Color)	4282207690 (0xFF3D4DCA)
YUV	86.4660, 56.9583, -22.3337
Hunter-Lab	32.5025, 26.8116, -81.4320

Details

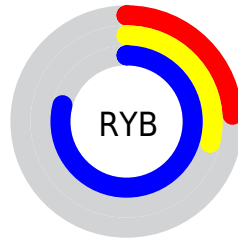
The Hex color **3D4DCA** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **CABA3D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7E7EFF**, and **002193** is the 20% darker color. If you saturate the color by 10%, you get **293BCA**, and if you desaturate by 10%, it is **515FCA**.

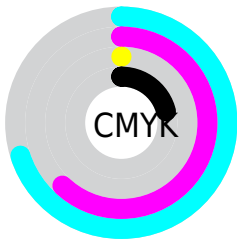
Distribution



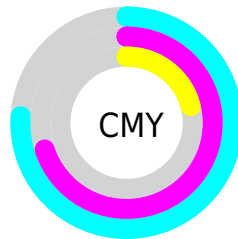
- Red (24%)
- Green (30%)
- Blue (79%)



- Red (24%)
- Yellow (29%)
- Blue (79%)



- Cyan (70%)
- Magenta (62%)
- Yellow (0%)
- Black (21%)



- Cyan (76%)
- Magenta (70%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4DCA 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 3D4DCA by changing the saturation by 10% instead.

■ 3D4DCA

■ 3D4DCA

FFFFFF

■ 0836AE

■ 7E7EFF

■ 002193

■ 9C98FF

■ 000F78

■ BAB3FF

■ 00005F

■ D8CEFF

■ 000846

■ F6EAFF

■ 00042E

■ 000119

■ 000000

■ 3D4DCA

■ 3D4DCA

■ 293BCA

■ 515FCA

■ 1529CA

■ 6571CA

■ 0017CA

■ 7A83CA

■ 8E95CA

■ A2A7CA

■ B6B8CA

■ CACACA

■ DFDCCA

■ F3EECA

Harmonies

Analogous

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



0066D9



3D4DCA



9D1D9E

Triad

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



3D4DCA



A13A00



007355

Complementary

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



3D4DCA



CABA3D

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.



00700C



3D4DCA



745800

Square

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



3D4DCA



BD0027



376800



007494

Rectangle

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



3D4DCA



B80077



376800



00723F

Sweetspot

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



3D4DCA



C9D0FF



3DCABA



606380



000000



808080

Same Dimension

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



3D4DCA



2941FF



733DCA



5C5D66



0013A6



000426

Inverse Universe

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



CA3D4D



FF2941



94CA3D



665C5D



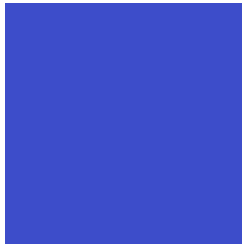
A60013



260004

Previews

White Background



This preview shows how the Hex color 3D4DCA looks on a white background.

Color Contrast Check

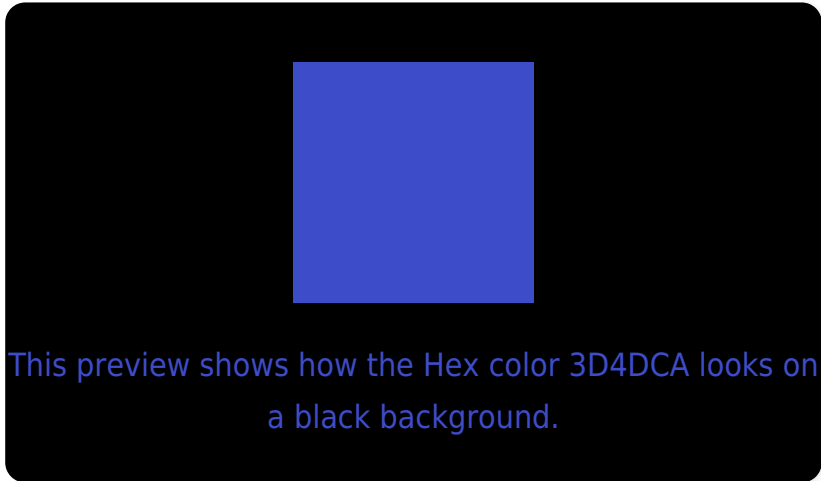
Large Text (above 18pt) WCAG AA ✓ Pass

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

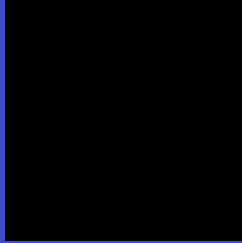
Any Text WCAG AA × Fail

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 3D4DCA Background



This preview shows how black text looks on a background with the Hex color 3D4DCA.

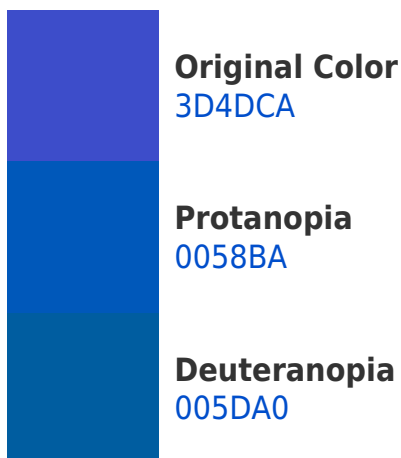


This preview shows how white text looks on a background with the Hex color 3D4DCA.

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](#).

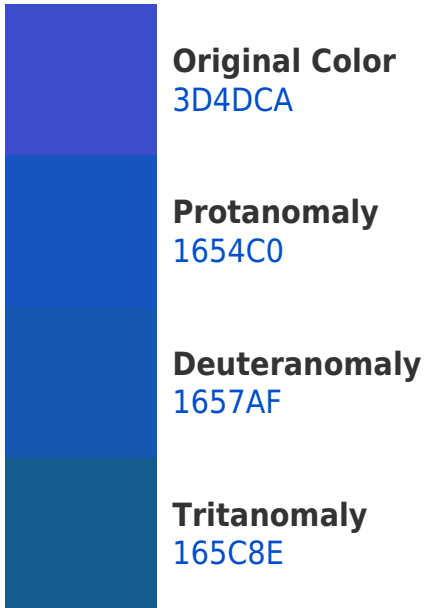
Dichromacy



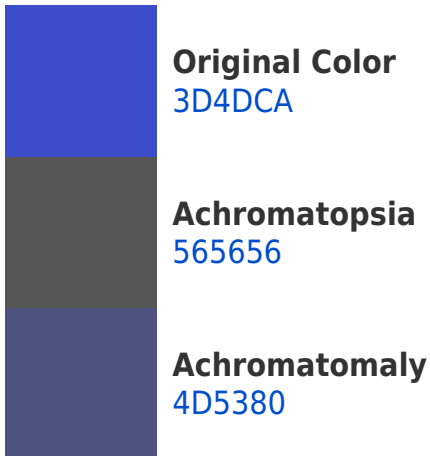


Tritanopia
00656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4DCA 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 #3D4DCA looks like.

```
.text, #text, p{  
    color:#3D4DCA  
}
```

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 #3D4DCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4DCA
}
```

Border

The CSS property to change the border of an element to Hex 3D4DCA 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
#3D4DCA }
```

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

```
.border{ border-color:#3D4DCA }
```

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

Here you see how a box with a 4 pixel #3D4DCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4DCA; -webkit-box-shadow:4px 4px  
4px 4px #3D4DCA; box-shadow:4px 4px 4px  
4px #3D4DCA }
```

Background

The CSS property to change the background color of an element to Hex 3D4DCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4DCA }
```

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

```
.background{ background-color:#3D4DCA }
```

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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