

Converting Colors

Hex(3841A9)

Have a look what the booklet for
Hex(3841A9) contains.

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Color

Hex(3841A9)

Conversions

Conversions Part 1

Format	Color
Hex	3841A9
RGB	56, 65, 169
RGB Percent	22%, 25%, 66%
CMY	0.7804, 0.7451, 0.3373
CMYK	0.67, 0.62, 0.00, 0.34
HSL	235°, 50%, 44%
HSV	235°, 67%, 66%
XYZ	10.6826, 7.4859, 38.4180
YIQ	74.1650, -38.7480, 30.4360

Conversions

Conversions Part 2

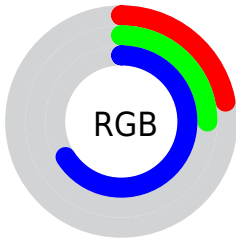
Format	Color
R_{YB}	56, 64, 169
Decimal	3686825
CIE _{Lab}	32.89, 30.57, -57.04
CIE _{LCh}	33, 64.711, 298.190
Yxy	7.4859, 0.1888, 0.1323
Android (android.graphics.Color)	4281876905 (0xFF3841A9)
YUV	74.1650, 46.7537, -15.9307
Hunter-Lab	27.3604, 21.8129, -64.0995

Details

The Hex color **3841A9** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A9A038**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7471E1**, and **001774** is the 20% darker color. If you saturate the color by 10%, you get **2731A9**, and if you desaturate by 10%, it is **4951A9**.

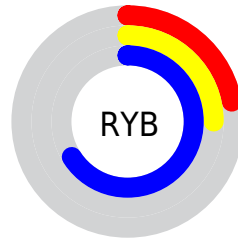
Distribution



Red (22%)

Green (25%)

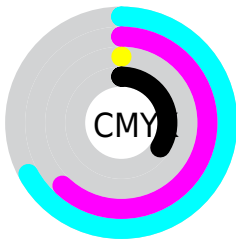
Blue (66%)



Red (22%)

Yellow (25%)

Blue (66%)

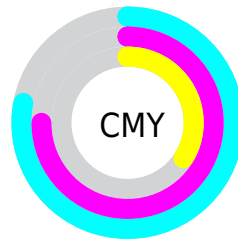


Cyan (67%)

Magenta (62%)

Yellow (0%)

Black (34%)



Cyan (78%)

Magenta (75%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3841A9 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 3841A9 by changing the saturation by 10% instead.

 3841A9

 3841A9

FFFFFF

 0E2B8E

 7471E1

 001774

 918AFE

 00005B

 AEA5FF

 000742

 CBC0FF

 00032B

 E9DCFF

 000115

 FFF8FF

 000000

 3841A9

 3841A9

 2731A9

 4951A9

■ 1622A9

■ 5A60A9

■ 0512A9

■ 6B70A9

■ 000DA9

■ 7C7FA9

■ 8C8FA9

■ 9D9EA9

■ AEAEA9

■ BFBDA9

■ D0CDA9

Harmonies

Analogous

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



0056B5



3841A9



851C84

Triad

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



3841A9



883200



006149

Complementary

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



3841A9



A9A038

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.



005F0E



3841A9



624B00

Square

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



3841A9



9F0021



305800



00627D

Rectangle

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



3841A9



9B0064



305800



006137

Sweetspot

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



3841A9



AFB3DB



38A9A0



53556E



EDEDED



6E6E6E

Same Dimension

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



3841A9



2C3ADB



6738A9



4C4C54



000C94



000214

Inverse Universe

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



A93841



DB2C3A



7AA938



544C4C



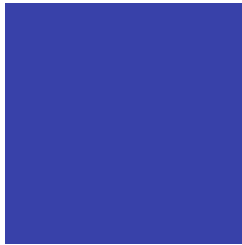
94000C



140002

Previews

White Background



This preview shows how the Hex color 3841A9 looks on a white background.

Color Contrast Check

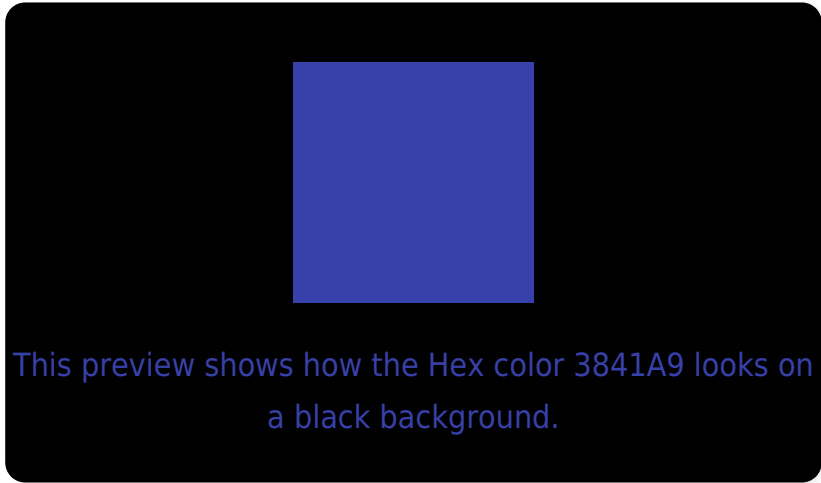
Large Text (above 18pt) WCAG AA ✓ Pass

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

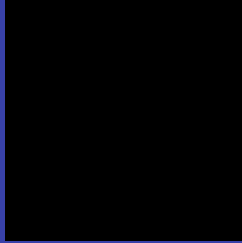
Any Text WCAG AA × Fail

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 3841A9 Background



This preview shows how black text looks on a background with the Hex color 3841A9.



This preview shows how white text looks on a background with the Hex color 3841A9.

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
3841A9

Deuteranopia
004F88

Tritanopia
00565C

Trichromacy



Original Color
3841A9

Deuteranomaly
144A94

Tritanomaly
144E78

Monochromacy



Original Color
3841A9

Achromatopsia
4A4A4A

Achromatomaly
43476D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3841A9 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 #3841A9 looks like.

```
.text, #text, p{  
    color:#3841A9  
}
```

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 #3841A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3841A9
}
```

Border

The CSS property to change the border of an element to Hex 3841A9 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
#3841A9 }
```

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

```
.border{ border-color:#3841A9 }
```

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

Here you see how a box with a 4 pixel #3841A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3841A9; -webkit-box-shadow:4px 4px  
4px 4px #3841A9; box-shadow:4px 4px 4px  
4px #3841A9 }
```

Background

The CSS property to change the background color of an element to Hex 3841A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3841A9 }
```

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

```
.background{ background-color:#3841A9 }
```

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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