

Converting Colors

Hex(3842D9)

Have a look what the booklet for
Hex(3842D9) contains.

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Color

Hex(3842D9)

Conversions

Conversions Part 1

Format	Color
Hex	3842D9
RGB	56, 66, 217
RGB Percent	22%, 26%, 85%
CMY	0.7804, 0.7412, 0.1490
CMYK	0.74, 0.70, 0.00, 0.15
HSL	236°, 68%, 54%
HSV	236°, 74%, 85%
XYZ	16.1035, 9.7469, 66.6782
YIQ	80.2240, -54.4310, 44.8410

Conversions

Conversions Part 2

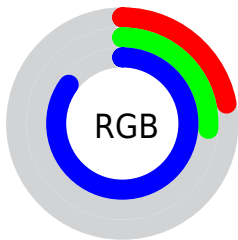
Format	Color
R_{YB}	56, 65, 217
Decimal	3687129
CIE _{Lab}	37.38, 46.57, -77.80
CIE _{LCh}	37, 90.669, 300.903
Yxy	9.7469, 0.1740, 0.1053
Android (android.graphics.Color)	4281877209 (0xFF3842D9)
YUV	80.2240, 67.4306, -21.2444
Hunter-Lab	31.2201, 37.4361, -104.7745

Details

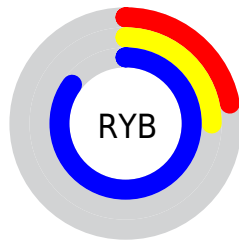
The Hex color **3842D9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **D9CF38**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7E73FF**, and **0016A1** is the 20% darker color. If you saturate the color by 10%, you get **222ED9**, and if you desaturate by 10%, it is **4E56D9**.

Distribution



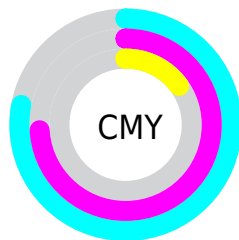
- Red (22%)
- Green (26%)
- Blue (85%)



- Red (22%)
- Yellow (25%)
- Blue (85%)



- Cyan (74%)
- Magenta (70%)
- Yellow (0%)
- Black (15%)



- Cyan (78%)
- Magenta (74%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3842D9 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 3842D9 by changing the saturation by 10% instead.

■ 3842D9

■ 3842D9

FFFFFF

■ 002BBD

■ 7E73FF

■ 0016A1

■ 9E8DFF

■ 000486

■ BCA7FF

■ 00006B

■ DBC3FF

■ 000B52

■ FADFFF

■ 00053A

■ FFFCFF

■ 000223

■ 00000B

■ 000000

 3842D9

 3842D9

 222ED9

 4E56D9

 0D19D9

 636BD9

 000DD9

 797FD9

 8F93D9

 A4A8D9

 BABCD9

 D0D0D9

 E6E5D9

 FBF9D9

Harmonies

Analogous

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



0063EF



3842D9



AB00A1

Triad

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



3842D9



A13100



007259

Complementary

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



3842D9



D9CF38

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.



006F00



3842D9



6A5700

Square

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



3842D9



C60012



086800



0073A3

Rectangle

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



3842D9



C70072



086800



00713E

Sweetspot

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



3842D9



C7CAFF



38D9CE



5E6080



000000



808080

Same Dimension

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



3842D9



1C2AFF



7E38D9



63636E



000BAD



00032E

Inverse Universe

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



D93842



FF1C2A



93D938



6E6363



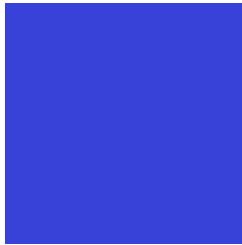
AD000B



2E0003

Previews

White Background



This preview shows how the Hex color 3842D9 looks on a white background.

Color Contrast Check

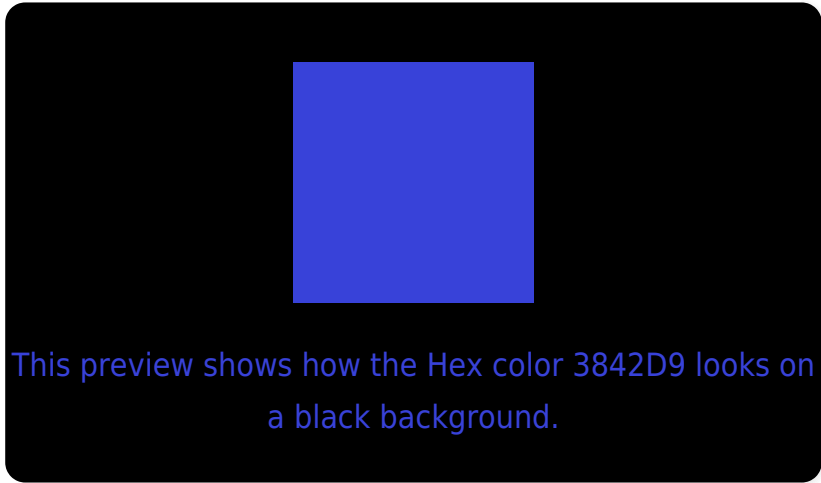
Large Text (above 18pt) WCAG AA ✓ Pass

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

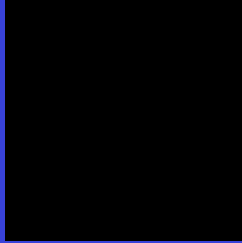
Any Text WCAG AA × Fail

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 3842D9 Background



This preview shows how black text looks on a background with the Hex color 3842D9.

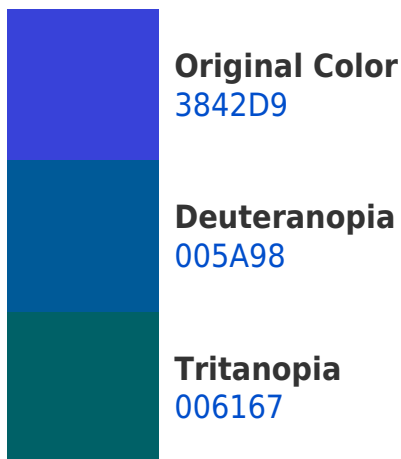


This preview shows how white text looks on a background with the Hex color 3842D9.

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
3842D9

Deuteranomaly
1451B0

Tritanomaly
145690

Monochromacy



Original Color
3842D9

Achromatopsia
505050

Achromatomaly
474B82

CSS Examples

Text

The CSS property to change the color of the text to Hex 3842D9 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 #3842D9 looks like.

```
.text, #text, p{  
    color:#3842D9  
}
```

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 #3842D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3842D9
}
```

Border

The CSS property to change the border of an element to Hex 3842D9 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
#3842D9 }
```

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

```
.border{ border-color:#3842D9 }
```

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

Here you see how a box with a 4 pixel #3842D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3842D9; -webkit-box-shadow:4px 4px  
4px 4px #3842D9; box-shadow:4px 4px 4px  
4px #3842D9 }
```

Background

The CSS property to change the background color of an element to Hex 3842D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3842D9 }
```

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

```
.background{ background-color:#3842D9 }
```

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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