

Converting Colors

Hex(3A38B3)

Have a look what the booklet for
Hex(3A38B3) contains.

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Color

Hex(3A38B3)

Conversions

Conversions Part 1

Format	Color
Hex	3A38B3
RGB	58, 56, 179
RGB Percent	23%, 22%, 70%
CMY	0.7725, 0.7804, 0.2980
CMYK	0.68, 0.69, 0.00, 0.30
HSL	241°, 52%, 46%
HSV	241°, 69%, 70%
XYZ	11.2958, 6.9826, 43.4002
YIQ	70.6200, -38.2910, 38.6770

Conversions

Conversions Part 2

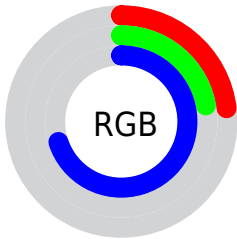
Format	Color
R_{YB}	58, 56, 179
Decimal	3815603
CIE _{Lab}	31.77, 39.93, -64.83
CIE _{LCh}	32, 76.143, 301.632
Yxy	6.9826, 0.1831, 0.1132
Android (android.graphics.Color)	4282005683 (0xFF3A38B3)
YUV	70.6200, 53.4313, -11.0677
Hunter-Lab	26.4245, 30.0610, -78.8820

Details

The Hex color **3A38B3** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B1B338**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7868EC**, and **000D7D** is the 20% darker color. If you saturate the color by 10%, you get **2826B3**, and if you desaturate by 10%, it is **4C4AB3**.

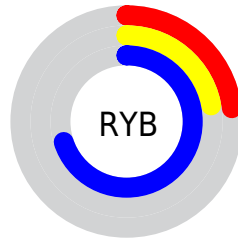
Distribution



 Red (23%)

 Green (22%)

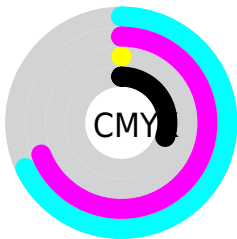
 Blue (70%)




 Red (23%)

 Yellow (22%)

 Blue (70%)

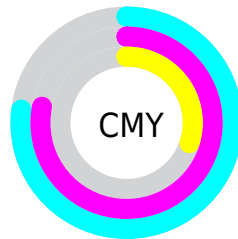


 Cyan (68%)


 Magenta (69%)

 Yellow (0%)

 Black (30%)



 Cyan (77%)

 Magenta (78%)

 Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A38B3 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 3A38B3 by changing the saturation by 10% instead.

 3A38B3

 3A38B3

FFFFFF

 0B2298

 7868EC

 000D7D

 9681FF

 000063

 B39CFF

 00054A

 D1B7FF

 000433

 EFD2FF

 00021D

 FFEFFF

 000000

 3A38B3

 3A38B3

 2826B3

 4C4AB3

■ 1714B3

■ 5D5CB3

■ 0502B3

■ 6F6EB3

■ 0300B3

■ 8080B3

■ 9291B3

■ A4A3B3

■ B5B5B3

■ C7C7B3

■ D8D9B3

Harmonies

Analogous

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



0053C6



3A38B3



900085

Triad

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



3A38B3



872D00



00614D

Complementary

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



3A38B3



B1B338

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.



005E03



3A38B3



594A00

Square

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



3A38B3



A50010



105800



006189

Rectangle

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



3A38B3



A7005E



105800



006037

Sweetspot

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



3A38B3



B8B7E8



38B3B3



585875



F5F5F5



757575

Same Dimension

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



3A38B3



2D2AE8



7538B3



505059



020099



00001A

Inverse Universe

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



B338B1



E82AE5



75B338



595059



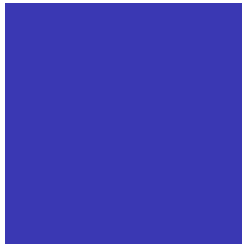
990097



1A0019

Previews

White Background



This preview shows how the Hex color 3A38B3 looks on a white background.

Color Contrast Check

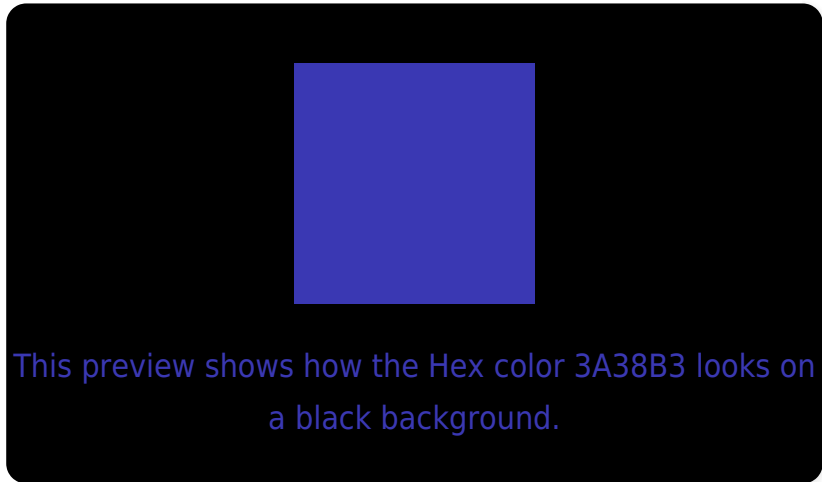
Large Text (above 18pt) WCAG AA ✓ Pass

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

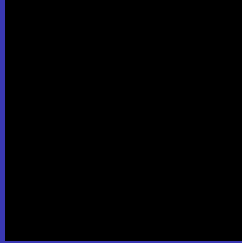
Any Text WCAG AA × Fail

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 3A38B3 Background



This preview shows how black text looks on a background with the Hex color 3A38B3.

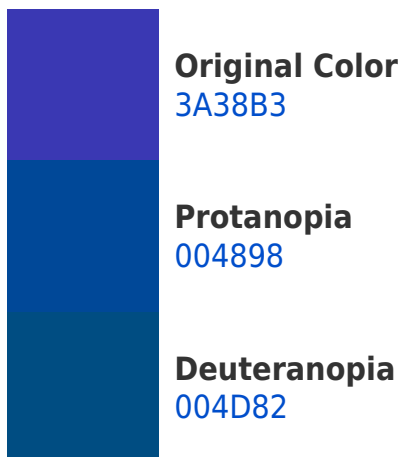


This preview shows how white text looks on a background with the Hex color 3A38B3.

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
3A38B3

Protanomaly
1542A2

Deuteranomaly
154594

Tritanomaly
15497A

Monochromacy



Original Color
3A38B3

Achromatopsia
474747

Achromatomaly
42426E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A38B3 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 #3A38B3 looks like.

```
.text, #text, p{  
    color:#3A38B3  
}
```

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 #3A38B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A38B3
}
```

Border

The CSS property to change the border of an element to Hex 3A38B3 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
#3A38B3 }
```

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

```
.border{ border-color:#3A38B3 }
```

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

Here you see how a box with a 4 pixel #3A38B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A38B3; -webkit-box-shadow:4px 4px  
4px 4px #3A38B3; box-shadow:4px 4px 4px  
4px #3A38B3 }
```

Background

The CSS property to change the background color of an element to Hex 3A38B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A38B3 }
```

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

```
.background{ background-color:#3A38B3 }
```

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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