

Converting Colors

Hex(3C38BA)

Have a look what the booklet for
Hex(3C38BA) contains.

Hex(3C38BA)	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>	28

Color

Hex(3C38BA)

Conversions

Conversions Part 1

Format	Color
Hex	3C38BA
RGB	60, 56, 186
RGB Percent	24%, 22%, 73%
CMY	0.7647, 0.7804, 0.2706
CMYK	0.68, 0.70, 0.00, 0.27
HSL	242°, 54%, 47%
HSV	242°, 70%, 73%
XYZ	12.1406, 7.3342, 47.2301
YIQ	72.0160, -39.3460, 41.2780

Conversions

Conversions Part 2

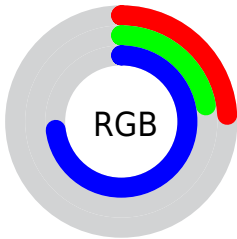
Format	Color
R_{YB}	60, 56, 186
Decimal	3946682
CIE _{Lab}	32.56, 42.52, -67.68
CIE _{LCh}	33, 79.926, 302.137
Yxy	7.3342, 0.1820, 0.1099
Android (android.graphics.Color)	4282136762 (0xFF3C38BA)
YUV	72.0160, 56.1941, -10.5380
Hunter-Lab	27.0817, 32.6277, -84.4439

Details

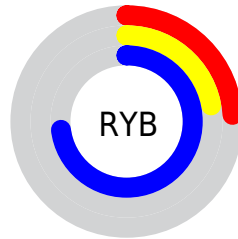
The Hex color **3C38BA** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B6BA38**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7B68F3**, and **000C83** is the 20% darker color. If you saturate the color by 10%, you get **2A25BA**, and if you desaturate by 10%, it is **4E4BBA**.

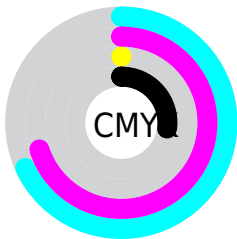
Distribution



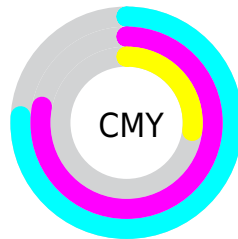
- Red (24%)
- Green (22%)
- Blue (73%)



- Red (24%)
- Yellow (22%)
- Blue (73%)



- Cyan (68%)
- Magenta (70%)
- Yellow (0%)
- Black (27%)



- Cyan (76%)
- Magenta (78%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C38BA 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 3C38BA by changing the saturation by 10% instead.

 3C38BA

 3C38BA

FFFFFF

 0C219E

 7B68F3

 000C83

 9982FF

 000069

 B79CFF

 000250

 D4B7FF

 000538

 F3D3FF

 000222

 FFEFFF

 000008

 000000

 3C38BA

 3C38BA

■ 2A25BA

■ 4E4BBA

■ 1813BA

■ 605DBA

■ 0600BA

■ 7270BA

■ 8482BA

■ 9695BA

■ A8A8BA

■ BABABA

■ CCCDBA

■ DEDFBA

Harmonies

Analogous

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



0055CE



3C38BA



970089

Triad

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



3C38BA



8B2E00



006350

Complementary

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



3C38BA



B6BA38

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.



006102



3C38BA



5B4C00

Square

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



3C38BA



AB000D



055A00



00648F

Rectangle

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



3C38BA



AE0060



055A00



006339

Sweetspot

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



3C38BA



C1BFF2



38B8BA



5D5C7A



FAFAFA



7A7A7A

Same Dimension

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



3C38BA



2D27F2



7B38BA



53535C



05009C



01001C

Inverse Universe

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



BA38B6



F227EC



77BA38



5C535C



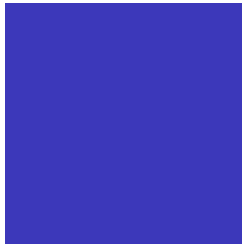
9C0097



1C001B

Previews

White Background



This preview shows how the Hex color 3C38BA looks on a white background.

Color Contrast Check

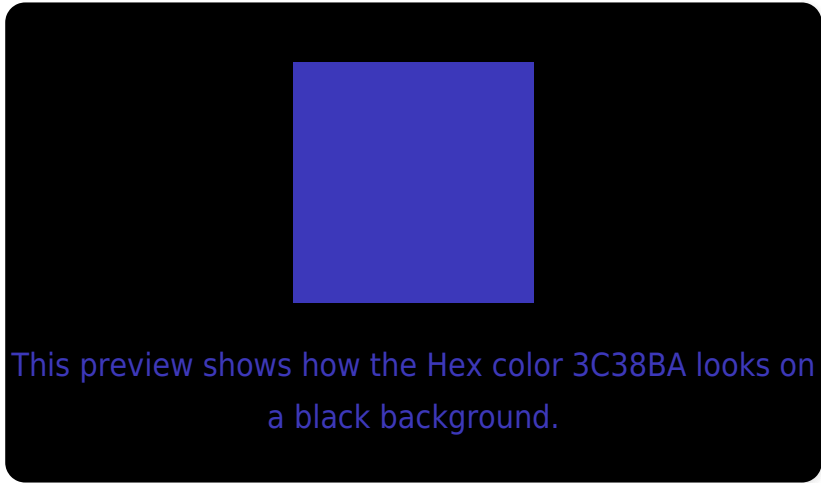
Large Text (above 18pt) WCAG AA ✓ Pass

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

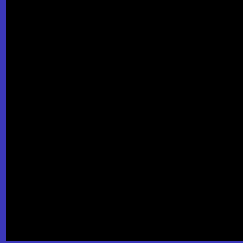
Any Text WCAG AA × Fail

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 3C38BA Background



This preview shows how black text looks on a background with the Hex color 3C38BA.

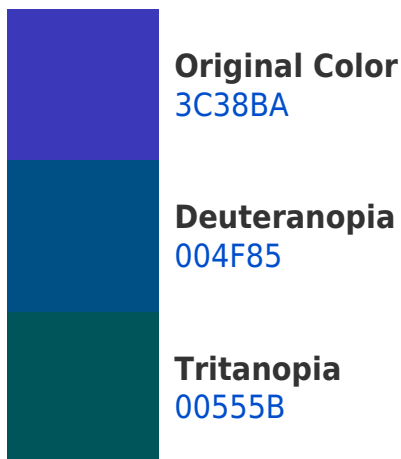


This preview shows how white text looks on a background with the Hex color 3C38BA.

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
3C38BA

Deuteranomaly
164798

Tritanomaly
164A7E

Monochromacy



Original Color
3C38BA

Achromatopsia
484848

Achromatomaly
444271

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C38BA 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 #3C38BA looks like.

```
.text, #text, p{  
    color:#3C38BA  
}
```

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 #3C38BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C38BA
}
```

Border

The CSS property to change the border of an element to Hex 3C38BA 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
#3C38BA }
```

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

```
.border{ border-color:#3C38BA }
```

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

Here you see how a box with a 4 pixel #3C38BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C38BA; -webkit-box-shadow:4px 4px  
4px 4px #3C38BA; box-shadow:4px 4px 4px  
4px #3C38BA }
```

Background

The CSS property to change the background color of an element to Hex 3C38BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C38BA }
```

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

```
.background{ background-color:#3C38BA }
```

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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