

Converting Colors

Hex(3C7DBA)

Have a look what the booklet for
Hex(3C7DBA) contains.

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Color

Hex(3C7DBA)

Conversions

Conversions Part 1

Format	Color
Hex	3C7DBA
RGB	60, 125, 186
RGB Percent	24%, 49%, 73%
CMY	0.7647, 0.5098, 0.2706
CMYK	0.68, 0.33, 0.00, 0.27
HSL	209°, 51%, 48%
HSV	209°, 68%, 73%
XYZ	18.0600, 19.1731, 49.2033
YIQ	112.5190, -58.3210, 5.1910

Conversions

Conversions Part 2

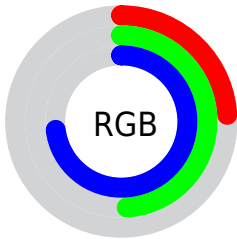
Format	Color
R_{YB}	60, 103, 186
Decimal	3964346
CIE _{Lab}	50.89, -0.86, -38.15
CIE _{LCh}	51, 38.160, 268.702
Yxy	19.1731, 0.2089, 0.2218
Android (android.graphics.Color)	4282154426 (0xFF3C7DBA)
YUV	112.5190, 36.2261, -46.0592
Hunter-Lab	43.7871, -3.0048, -35.9729

Details

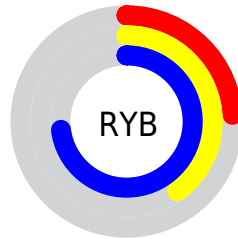
The Hex color **3C7DBA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BA793C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **78B1F2**, and **004D84** is the 20% darker color. If you saturate the color by 10%, you get **2974BA**, and if you desaturate by 10%, it is **4F86BA**.

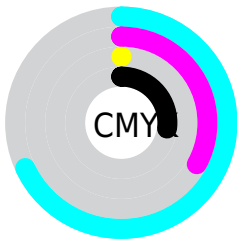
Distribution



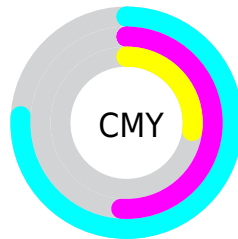
- Red (24%)
- Green (49%)
- Blue (73%)



- Red (24%)
- Yellow (40%)
- Blue (73%)



- Cyan (68%)
- Magenta (33%)
- Yellow (0%)
- Black (27%)



- Cyan (76%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7DBA 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 3C7DBA by changing the saturation by 10% instead.

■ 3C7DBA

■ 3C7DBA

FFFFFF

■ 13649F

■ 78B1F2

■ 004D84

■ 95CDFF

■ 00366B

■ B2E9FF

■ 002152

■ D0FFFF

■ 00093B

■ EDFFFF

■ 000224

■ 00000C

■ 000000

■ 3C7DBA

■ 3C7DBA

■ 2974BA

■ 4F86BA

■ 176BBA

■ 618FBA

■ 0462BA

■ 7498BA

■ 0060BA

■ 86A1BA

■ 99AABA

■ ACB3BA

■ BEBCBA

■ D1C5BA

■ E3CEBA

Harmonies

Analogous

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



0085B0



3C7DBA



7971B2

Triad

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



3C7DBA



B5615C



448756

Complementary

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



3C7DBA



BA793C

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.



6D813E



3C7DBA



A76B42

Square

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



3C7DBA



B45E7C



8E7736



008A77

Rectangle

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



3C7DBA



9569A4



8E7736



53854D

Sweetspot

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



3C7DBA



C2DBF2



3CBA79



5D6C7A



FAFAFA



7A7A7A

Same Dimension

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



3C7DBA



2E93F2



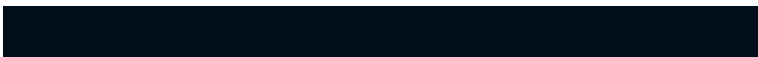
3C3EBA



53575C



00509C



000E1C

Inverse Universe

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



BA3C7D



F22E93



BAB83C



5C5357



9C0050



1C000E

Previews

White Background



This preview shows how the Hex color 3C7DBA looks on a white background.

Color Contrast Check

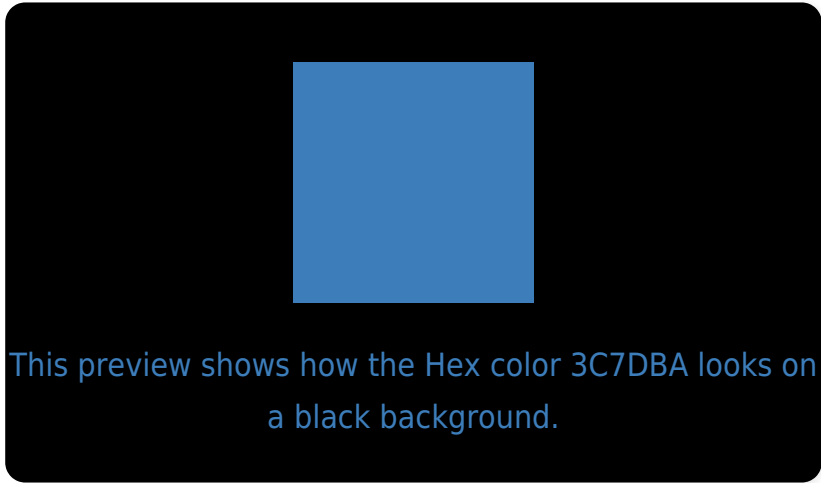
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3C7DBA Background



This preview shows how black text looks on a background with the Hex color 3C7DBA.

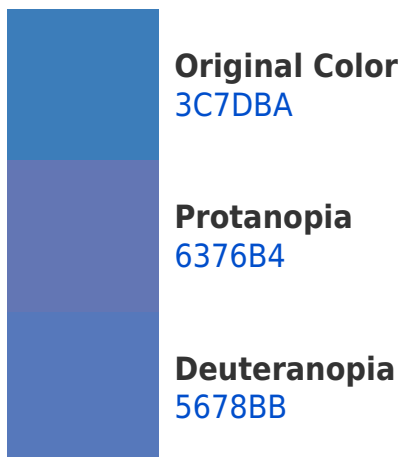


This preview shows how white text looks on a background with the Hex color 3C7DBA.

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](#).

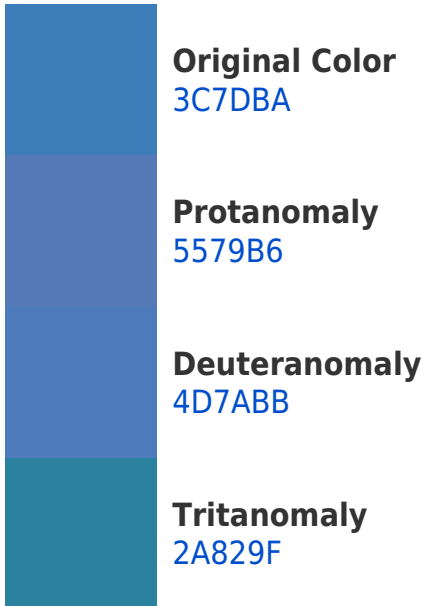
Dichromacy



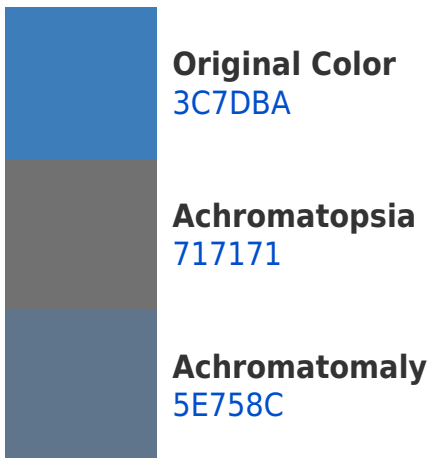


Tritanopia
208590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7DBA 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 #3C7DBA looks like.

```
.text, #text, p{  
    color:#3C7DBA  
}
```

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 #3C7DBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7DBA
}
```

Border

The CSS property to change the border of an element to Hex 3C7DBA 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
#3C7DBA }
```

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

```
.border{ border-color:#3C7DBA }
```

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

Here you see how a box with a 4 pixel #3C7DBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7DBA; -webkit-box-shadow:4px 4px  
4px 4px #3C7DBA; box-shadow:4px 4px 4px  
4px #3C7DBA }
```

Background

The CSS property to change the background color of an element to Hex 3C7DBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7DBA }
```

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

```
.background{ background-color:#3C7DBA }
```

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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