

Converting Colors

Hex(3A5B9C)

Have a look what the booklet for
Hex(3A5B9C) contains.

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Color

Hex(3A5B9C)

Conversions

Conversions Part 1

Format	Color
Hex	3A5B9C
RGB	58, 91, 156
RGB Percent	23%, 36%, 61%
CMY	0.7725, 0.6431, 0.3882
CMYK	0.63, 0.42, 0.00, 0.39
HSL	220°, 46%, 42%
HSV	220°, 63%, 61%
XYZ	11.4868, 10.7820, 32.9282
YIQ	88.5430, -40.5330, 13.2190

Conversions

Conversions Part 2

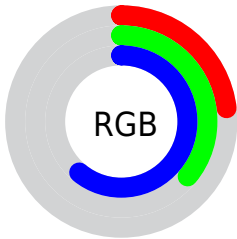
Format	Color
R_{YB}	58, 83, 156
Decimal	3824540
CIE Lab	39.21, 9.23, -39.05
CIE LCh	39, 40.129, 283.292
Yxy	10.7820, 0.2081, 0.1953
Android (android.graphics.Color)	4282014620 (0xFF3A5B9C)
YUV	88.5430, 33.2563, -26.7862
Hunter-Lab	32.8360, 4.9803, -36.4714

Details

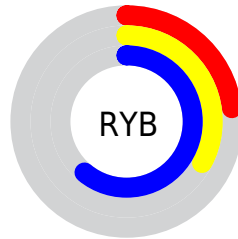
The Hex color **3A5B9C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C7B3A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **728DD3**, and **002E68** is the 20% darker color. If you saturate the color by 10%, you get **2A519C**, and if you desaturate by 10%, it is **4A659C**.

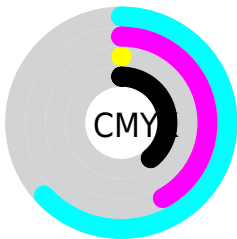
Distribution



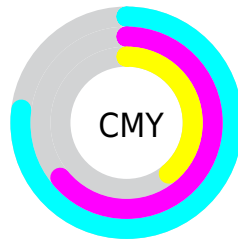
- Red (23%)
- Green (36%)
- Blue (61%)



- Red (23%)
- Yellow (33%)
- Blue (61%)



- Cyan (63%)
- Magenta (42%)
- Yellow (0%)
- Black (39%)



- Cyan (77%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5B9C 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 3A5B9C by changing the saturation by 10% instead.

■ 3A5B9C

■ 3A5B9C

FFFFFF

■ 194482

■ 728DD3

■ 002E68

■ 8EA7EF

■ 001A50

■ AAC2FF

■ 000138

■ C6DEFF

■ 000222

■ E3FAFF

■ 000008

■ 000000

■ 3A5B9C

■ 3A5B9C

■ 2A519C

■ 4A659C

■ 1B469C

■ 59709C

■ 0B3C9C

■ 697A9C

■ 00359C

■ 78849C

■ 888F9C

■ 98999C

■ A7A39C

■ B7AE9C

■ C6B89C

Harmonies

Analogous

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



00659B



3A5B9C



714E8C

Triad

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



3A5B9C



914731



006B48

Complementary

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



3A5B9C



9C7B3A

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.



3C672A



3A5B9C



7D541B

Square

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



3A5B9C



983F4F



605F17



006C6A

Rectangle

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



3A5B9C



87457A



605F17



136A3E

Sweetspot

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



3A5B9C



A5B2CC



3A9C7A



4F5666



E6E6E6



666666

Same Dimension

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



3A5B9C



3367CC



493A9C



474A4F



00308F



00050F

Inverse Universe

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



9C3A5B



CC3367



8D9C3A



4F474A



8F0030



0F0005

Previews

White Background



This preview shows how the Hex color 3A5B9C looks on a white background.

Color Contrast Check

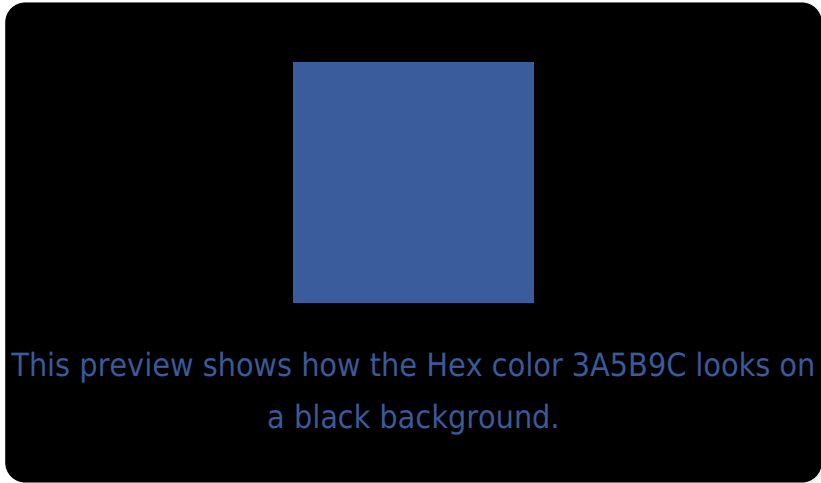
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 3A5B9C Background



This preview shows how black text looks on a background with the Hex color 3A5B9C.



This preview shows how white text looks on a background with the Hex color 3A5B9C.

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


3A5B9C

Protanopia

415A9B

Deuteranopia

2F5D9C



Tritanopia
22656D

Trichromacy



Original Color
3A5B9C

Protanomaly
3E5A9B

Deuteranomaly
335C9C

Tritanomaly
2B617E

Monochromacy



Original Color
3A5B9C

Achromatopsia
595959

Achromatomaly
4E5A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5B9C 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 #3A5B9C looks like.

```
.text, #text, p{  
    color:#3A5B9C  
}
```

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 #3A5B9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5B9C
}
```

Border

The CSS property to change the border of an element to Hex 3A5B9C 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
#3A5B9C }
```

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

```
.border{ border-color:#3A5B9C }
```

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

Here you see how a box with a 4 pixel #3A5B9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5B9C; -webkit-box-shadow:4px 4px  
4px 4px #3A5B9C; box-shadow:4px 4px 4px  
4px #3A5B9C }
```

Background

The CSS property to change the background color of an element to Hex 3A5B9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5B9C }
```

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

```
.background{ background-color:#3A5B9C }
```

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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