

Converting Colors

Hex(3B5B96)

Have a look what the booklet for
Hex(3B5B96) contains.

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Color

Hex(3B5B96)

Conversions

Conversions Part 1

Format	Color
Hex	3B5B96
RGB	59, 91, 150
RGB Percent	23%, 36%, 59%
CMY	0.7686, 0.6431, 0.4118
CMYK	0.61, 0.39, 0.00, 0.41
HSL	219°, 44%, 41%
HSV	219°, 61%, 59%
XYZ	11.0497, 10.6140, 30.3205
YIQ	88.1580, -38.0110, 11.5650

Conversions

Conversions Part 2

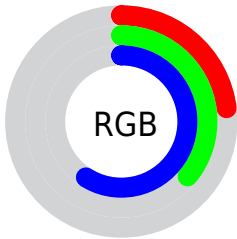
Format	Color
RYB	59, 83, 150
Decimal	3890070
CIELab	38.92, 7.29, -35.91
CIElCh	39, 36.643, 281.481
Yxy	10.6140, 0.2126, 0.2042
Android (android.graphics.Color)	4282080150 (0xFF3B5B96)
YUV	88.1580, 30.4881, -25.5716
Hunter-Lab	32.5791, 3.5277, -32.3742

Details

The Hex color **3B5B96** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96763B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **728DCD**, and **002E63** is the 20% darker color. If you saturate the color by 10%, you get **2C5196**, and if you desaturate by 10%, it is **4A6596**.

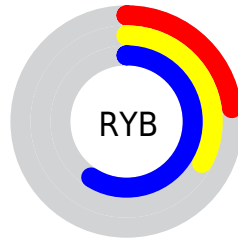
Distribution



Red (23%)

Green (36%)

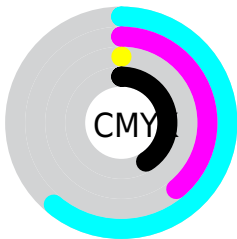
Blue (59%)



Red (23%)

Yellow (33%)

Blue (59%)

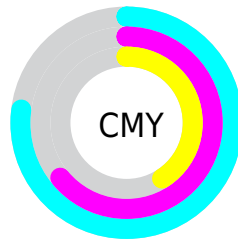


Cyan (61%)

Magenta (39%)

Yellow (0%)

Black (41%)



Cyan (77%)

Magenta (64%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5B96 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 3B5B96 by changing the saturation by 10% instead.



3B5B96



3B5B96

FFFFFF



1C447C



728DCD



002E63



8DA7E9



001A4A



A9C2FF



000234



C6DEFF



00021D



E3FBFF



000000



3B5B96



3B5B96



2C5196



4A6596



1D4896



596E96

■ 0E3E96

■ 687896

■ 003596

■ 778296

■ 868C96

■ 959596

■ A49F96

■ B3A996

■ C2B396

Harmonies

Analogous

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



006494



3B5B96



6C4F88

Triad

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



3B5B96



8D4836



036948

Complementary

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



3B5B96



96763B

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.



41652D



3B5B96



7B5322

Square

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



3B5B96



934151



615E1E



006A67

Rectangle

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



3B5B96



814779



615E1E



23683E

Sweetspot

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



3B5B96



9FABC2



3B9675



4C5361



E0E0E0



616161

Same Dimension

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



3B5B96



3466C2



473B96



43454A



00308A



00040A

Inverse Universe

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



963B5B



C23466



8A963B



4A4345



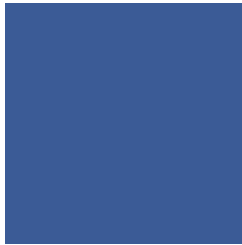
8A0030



0A0004

Previews

White Background



This preview shows how the Hex color 3B5B96 looks on a white background.

Color Contrast Check

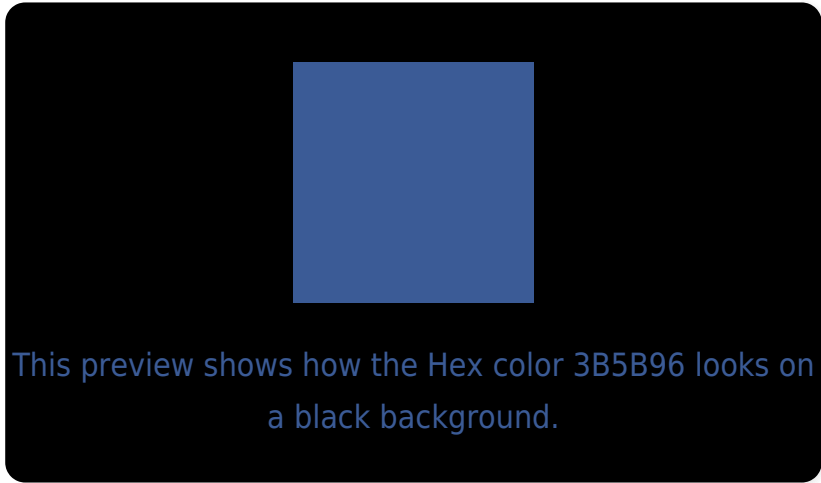
Large Text (above 18pt) WCAG AA ✓ Pass

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

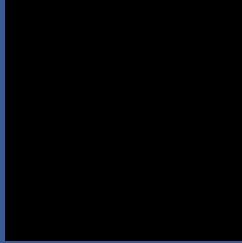
Any Text WCAG AA × Fail

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 3B5B96 Background



This preview shows how black text looks on a background with the Hex color 3B5B96.



This preview shows how white text looks on a background with the Hex color 3B5B96.

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
3B5B96

Protanopia
445995

Deuteranopia
375C96



Tritanopia
27646C

Trichromacy



Original Color
3B5B96

Protanomaly
415A95

Deuteranomaly
385C96

Tritanomaly
2E617B

Monochromacy



Original Color
3B5B96

Achromatopsia
585858

Achromatomaly
4D596F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5B96 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 #3B5B96 looks like.

```
.text, #text, p{  
    color:#3B5B96  
}
```

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 #3B5B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5B96
}
```

Border

The CSS property to change the border of an element to Hex 3B5B96 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
#3B5B96 }
```

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

```
.border{ border-color:#3B5B96 }
```

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

Here you see how a box with a 4 pixel #3B5B96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5B96; -webkit-box-shadow:4px 4px  
4px 4px #3B5B96; box-shadow:4px 4px 4px  
4px #3B5B96 }
```

Background

The CSS property to change the background color of an element to Hex 3B5B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5B96 }
```

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

```
.background{ background-color:#3B5B96 }
```

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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