

Converting Colors

Hex(3B5391)

Have a look what the booklet for
Hex(3B5391) contains.

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Color

Hex(3B5391)

Conversions

Conversions Part 1

Format	Color
Hex	3B5391
RGB	59, 83, 145
RGB Percent	23%, 33%, 57%
CMY	0.7686, 0.6745, 0.4314
CMYK	0.59, 0.43, 0.00, 0.43
HSL	223°, 42%, 40%
HSV	223°, 59%, 57%
XYZ	10.0077, 9.1607, 28.0288
YIQ	82.8920, -34.2060, 14.1940

Conversions

Conversions Part 2

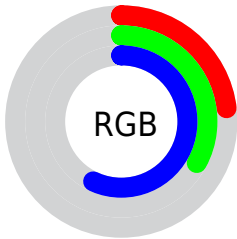
Format	Color
RYB	59, 78, 145
Decimal	3888017
CIELab	36.29, 10.71, -37.07
CIELCh	36, 38.584, 286.112
Yxy	9.1607, 0.2120, 0.1941
Android (android.graphics.Color)	4282078097 (0xFF3B5391)
YUV	82.8920, 30.6192, -20.9533
Hunter-Lab	30.2666, 6.0550, -33.7197

Details

The Hex color **3B5391** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91793B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7184C7**, and **00275E** is the 20% darker color. If you saturate the color by 10%, you get **2D4991**, and if you desaturate by 10%, it is **4A5D91**.

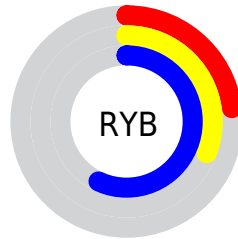
Distribution



Red (23%)

Green (33%)

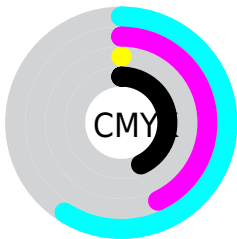
Blue (57%)



Red (23%)

Yellow (31%)

Blue (57%)

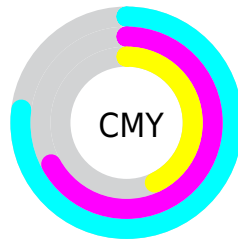


Cyan (59%)

Magenta (43%)

Yellow (0%)

Black (43%)



Cyan (77%)

Magenta (67%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5391 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 3B5391 by changing the saturation by 10% instead.

■ 3B5391

■ 3B5391

FFFFFF

■ 1D3C77

■ 7184C7

■ 00275E

■ 8D9EE4

■ 001346

■ A8B9FF

■ 00042F

■ C5D5FF

■ 000119

■ E1F1FF

■ 000000

■ 3B5391

■ 3B5391

■ 2D4991

■ 4A5D91

■ 1E3E91

■ 586891

■ 0F3491

■ 667291

■ 012991

■ 757D91

■ 002891

■ 848791

■ 929291

■ A19C91

■ AFA791

■ BEB191

Harmonies

Analogous

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



005D91



3B5391



6C4681

Triad

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



3B5391



86422A



006345

Complementary

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



3B5391



91793B

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.



326028



3B5391



724F16

Square

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



3B5391



8E3946



565914



006466

Rectangle

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



3B5391



803E6F



565914



01633B

Sweetspot

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



3B5391



9BA4BD



3B9179



4A4F5E



DEDEDE



5E5E5E

Same Dimension

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



3B5391



375CBD



4E3B91



404247



002687



000208

Inverse Universe

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



913B53



BD375C



7E913B



474042



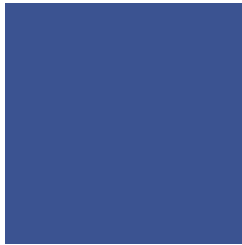
870026



080002

Previews

White Background



This preview shows how the Hex color 3B5391 looks on a white background.

Color Contrast Check

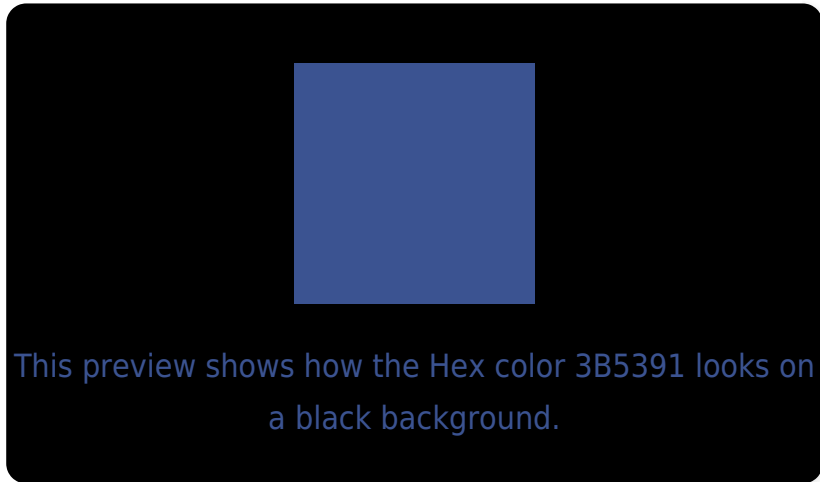
Large Text (above 18pt) WCAG AA ✓ Pass

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

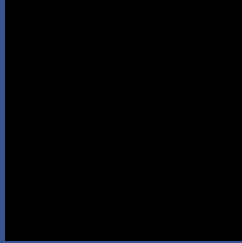
Any Text WCAG AA × Fail

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 3B5391 Background



This preview shows how black text looks on a background with the Hex color 3B5391.



This preview shows how white text looks on a background with the Hex color 3B5391.

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
3B5391

Protanopia
3A5391

Deuteranopia
2B5690



Tritanopia
275D64

Trichromacy



Original Color
3B5391

Protanomaly
3A5391

Deuteranomaly
315590

Tritanomaly
2E5974

Monochromacy



Original Color
3B5391

Achromatopsia
535353

Achromatomaly
4A536A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5391 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 #3B5391 looks like.

```
.text, #text, p{  
    color:#3B5391  
}
```

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 #3B5391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5391
}
```

Border

The CSS property to change the border of an element to Hex 3B5391 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
#3B5391 }
```

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

```
.border{ border-color:#3B5391 }
```

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

Here you see how a box with a 4 pixel #3B5391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5391; -webkit-box-shadow:4px 4px  
4px 4px #3B5391; box-shadow:4px 4px 4px  
4px #3B5391 }
```

Background

The CSS property to change the background color of an element to Hex 3B5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5391 }
```

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

```
.background{ background-color:#3B5391 }
```

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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