

Converting Colors

Hex(3B5580)

Have a look what the booklet for
Hex(3B5580) contains.

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Color

Hex(3B5580)

Conversions

Conversions Part 1

Format	Color
Hex	3B5580
RGB	59, 85, 128
RGB Percent	23%, 33%, 50%
CMY	0.7686, 0.6667, 0.4980
CMYK	0.54, 0.34, 0.00, 0.50
HSL	217°, 37%, 37%
HSV	217°, 54%, 50%
XYZ	8.9484, 8.9853, 21.6848
YIQ	82.1280, -29.2990, 7.8610

Conversions

Conversions Part 2

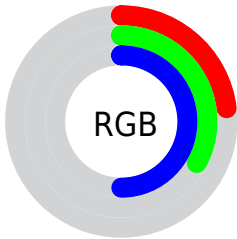
Format	Color
R_{YB}	59, 78, 128
Decimal	3888512
CIE _{Lab}	35.96, 3.51, -27.22
CIE _{LCh}	36, 27.442, 277.353
Yxy	8.9853, 0.2259, 0.2268
Android (android.graphics.Color)	4282078592 (0xFF3B5580)
YUV	82.1280, 22.6149, -20.2833
Hunter-Lab	29.9755, 0.8294, -21.9085

Details

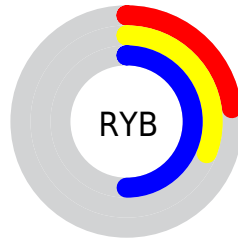
The Hex color **3B5580** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **80663B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6F86B5**, and **00284E** is the 20% darker color. If you saturate the color by 10%, you get **2E4D80**, and if you desaturate by 10%, it is **485D80**.

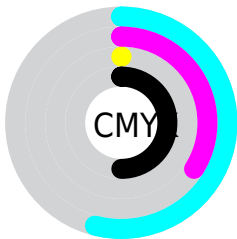
Distribution



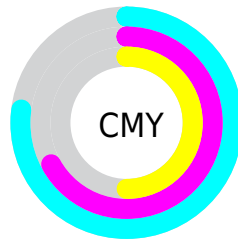
- Red (23%)
- Green (33%)
- Blue (50%)



- Red (23%)
- Yellow (31%)
- Blue (50%)



- Cyan (54%)
- Magenta (34%)
- Yellow (0%)
- Black (50%)



- Cyan (77%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5580 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 3B5580 by changing the saturation by 10% instead.

■ 3B5580

■ 3B5580

FFFFFF

■ 203E67

■ 6F86B5

■ 00284E

■ 89A1D1

■ 001437

■ A5BBED

■ 000222

■ C1D7FF

■ 000007

■ DDF4FF

■ 000000

■ FAFFFF

■ 3B5580

■ 3B5580

■ 2E4D80

■ 485D80

■ 214580

■ 556580

■ 153D80

■ 616D80

■ 083580

■ 6E7580

■ 003080

■ 7B7D80

■ 888580

■ 958D80

■ A19580

■ AE9D80

Harmonies

Analogous

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



005B7D



3B5580



5E4D78

Triad

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



3B5580



7C463B



285F43

Complementary

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



3B5580



80663B

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.



455B31



3B5580



704D2C

Square

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



3B5580



7E4350



5D5528



006059

Rectangle

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



3B5580



6E476D



5D5528



335E3C

Sweetspot

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



3B5580



8B95A6



3B8066



444A54



D4D4D4



545454

Same Dimension

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



3B5580



3A63A6



433B80



393C40



003080



000000

Inverse Universe

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



803B55



A63A63



78803B



40393C



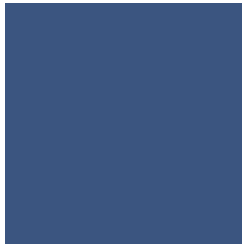
800030



000000

Previews

White Background



This preview shows how the Hex color 3B5580 looks on a white background.

Color Contrast Check

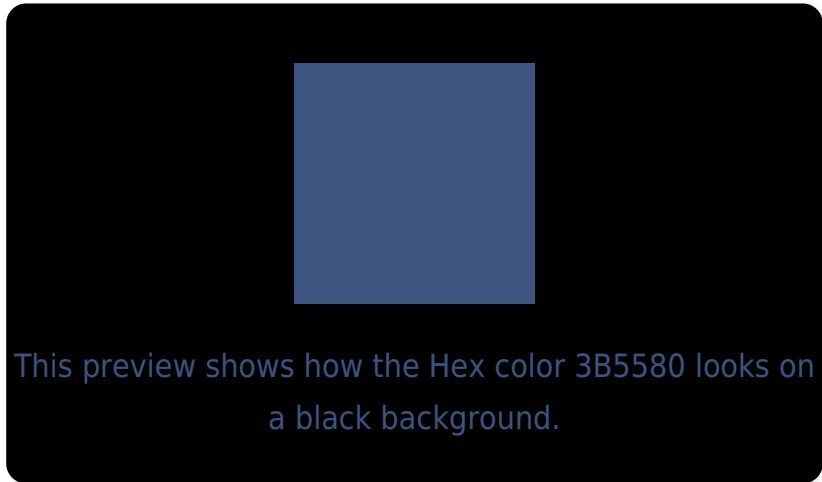
Large Text (above 18pt) WCAG AA ✓ Pass

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

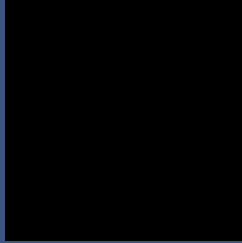
Any Text WCAG AA × Fail

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 3B5580 Background



This preview shows how black text looks on a background with the Hex color 3B5580.



This preview shows how white text looks on a background with the Hex color 3B5580.

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
3B5580

Protanopia
45537E

Deuteranopia
3F5480



Tritanopia
305B62

Trichromacy



Original Color
3B5580

Protanomaly
41547F

Deuteranomaly
3E5480

Tritanomaly
34596D

Monochromacy



Original Color
3B5580

Achromatopsia
525252

Achromatomaly
4A5363

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5580 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 #3B5580 looks like.

```
.text, #text, p{  
    color:#3B5580  
}
```

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 #3B5580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5580
}
```

Border

The CSS property to change the border of an element to Hex 3B5580 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
#3B5580 }
```

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

```
.border{ border-color:#3B5580 }
```

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

Here you see how a box with a 4 pixel #3B5580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5580; -webkit-box-shadow:4px 4px  
4px 4px #3B5580; box-shadow:4px 4px 4px  
4px #3B5580 }
```

Background

The CSS property to change the background color of an element to Hex 3B5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5580 }
```

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

```
.background{ background-color:#3B5580 }
```

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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