

Converting Colors

Hex(3B537B)

Have a look what the booklet for
Hex(3B537B) contains.

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Color

Hex(3B537B)

Conversions

Conversions Part 1

Format	Color
Hex	3B537B
RGB	59, 83, 123
RGB Percent	23%, 33%, 48%
CMY	0.7686, 0.6745, 0.5176
CMYK	0.52, 0.33, 0.00, 0.52
HSL	218°, 35%, 36%
HSV	218°, 52%, 48%
XYZ	8.4720, 8.5464, 19.9420
YIQ	80.3840, -27.1440, 7.3520

Conversions

Conversions Part 2

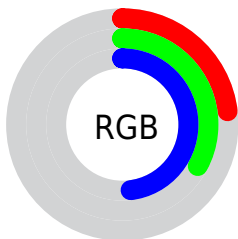
Format	Color
R_{YB}	59, 76, 123
Decimal	3887995
CIE _{Lab}	35.10, 3.11, -25.48
CIE _{LCh}	35, 25.672, 276.957
Yxy	8.5464, 0.2292, 0.2312
Android (android.graphics.Color)	4282078075 (0xFF3B537B)
YUV	80.3840, 21.0097, -18.7538
Hunter-Lab	29.2342, 0.5693, -19.9805

Details

The Hex color **3B537B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7B633B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6E84B0**, and **01274A** is the 20% darker color. If you saturate the color by 10%, you get **2F4B7B**, and if you desaturate by 10%, it is **475B7B**.

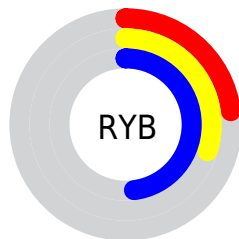
Distribution



Red (23%)

Green (33%)

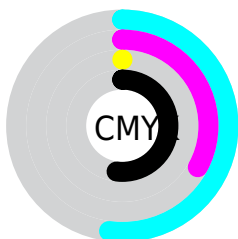
Blue (48%)



Red (23%)

Yellow (30%)

Blue (48%)

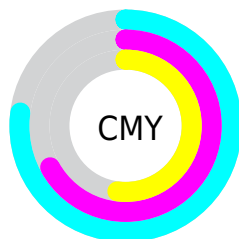


Cyan (52%)

Magenta (33%)

Yellow (0%)

Black (52%)



Cyan (77%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B537B 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 3B537B by changing the saturation by 10% instead.



3B537B



3B537B

FFFFFF



213C62



6E84B0



01274A



899ECB



001233



A4B9E7



00021E



C0D5FF



000000



DCF1FF



F9FFFF



3B537B



3B537B



2F4B7B



475B7B

■ 22447B

■ 54627B

■ 163C7B

■ 606A7B

■ 0A347B

■ 6C727B

■ 002E7B

■ 79797B

■ 85817B

■ 91897B

■ 9D917B

■ AA987B

Harmonies

Analogous

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



095978



3B537B



5B4B73

Triad

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



3B537B



78453B



2B5C42

Complementary

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



3B537B



7B633B

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.



455931



3B537B



6C4C2D

Square

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



3B537B



79424E



5B5329



005D57

Rectangle

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



3B537B



6A4769



5B5329



345B3B

Sweetspot

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



3B537B



8791A1



3B7B62



424852



D1D1D1



525252

Same Dimension

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



3B537B



3D62A1



423B7B



37393D



002F7D



005FFC

Inverse Universe

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



7B3B53



A13D62



747B3B



3D3739



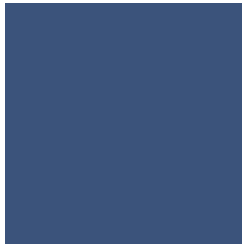
7D002F



FC005F

Previews

White Background



This preview shows how the Hex color 3B537B looks on a white background.

Color Contrast Check

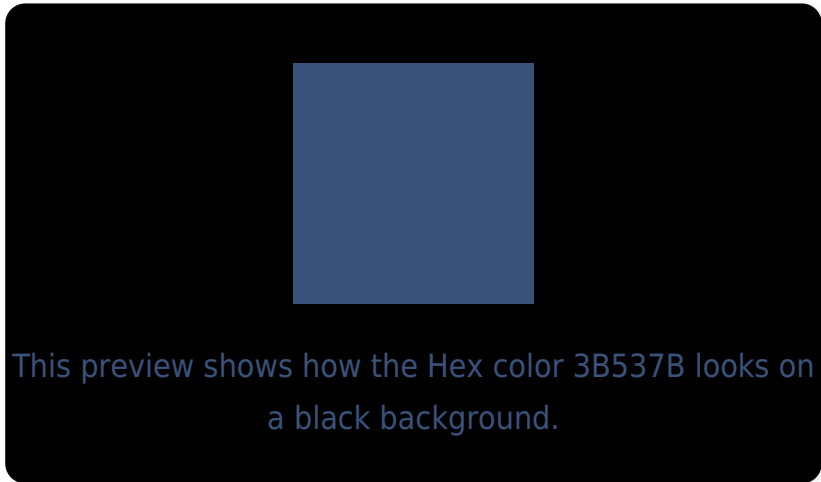
Large Text (above 18pt) WCAG AA ✓ Pass

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

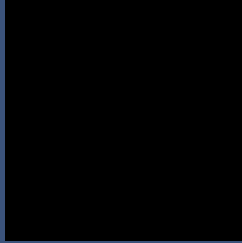
Any Text WCAG AA × Fail

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 3B537B Background



This preview shows how black text looks on a background with the Hex color 3B537B.



This preview shows how white text looks on a background with the Hex color 3B537B.

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
3B537B

Protanopia
455179

Deuteranopia
40527B



Tritanopia
325860

Trichromacy



Original Color
3B537B

Protanomaly
41527A

Deuteranomaly
3E527B

Tritanomaly
35566A

Monochromacy



Original Color
3B537B

Achromatopsia
505050

Achromatomaly
485160

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B537B 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 #3B537B looks like.

```
.text, #text, p{  
    color:#3B537B  
}
```

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 #3B537B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B537B
}
```

Border

The CSS property to change the border of an element to Hex 3B537B 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
#3B537B }
```

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

```
.border{ border-color:#3B537B }
```

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

Here you see how a box with a 4 pixel #3B537B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B537B; -webkit-box-shadow:4px 4px  
4px 4px #3B537B; box-shadow:4px 4px 4px  
4px #3B537B }
```

Background

The CSS property to change the background color of an element to Hex 3B537B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B537B }
```

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

```
.background{ background-color:#3B537B }
```

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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