

Converting Colors

Hex(3B3A5A)

Have a look what the booklet for
Hex(3B3A5A) contains.

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Color

Hex(3B3A5A)

Conversions

Conversions Part 1

Format	Color
Hex	3B3A5A
RGB	59, 58, 90
RGB Percent	23%, 23%, 35%
CMY	0.7686, 0.7725, 0.6471
CMYK	0.34, 0.36, 0.00, 0.65
HSL	242°, 22%, 29%
HSV	242°, 36%, 35%
XYZ	5.1622, 4.6941, 10.3068
YIQ	61.9470, -9.6760, 10.1640

Conversions

Conversions Part 2

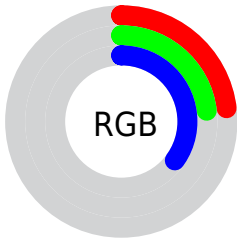
Format	Color
RYB	59, 58, 90
Decimal	3881562
CIELab	25.84, 8.99, -19.00
CIELCh	26, 21.020, 295.306
Yxy	4.6941, 0.2560, 0.2328
Android (android.graphics.Color)	4282071642 (0xFF3B3A5A)
YUV	61.9470, 13.8301, -2.5845
Hunter-Lab	21.6659, 4.6144, -13.0392

Details

The Hex color **3B3A5A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **595A3A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6B698C**, and **0F102C** is the 20% darker color. If you saturate the color by 10%, you get **32315A**, and if you desaturate by 10%, it is **44435A**.

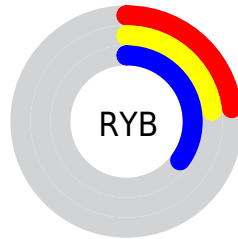
Distribution



Red (23%)

Green (23%)

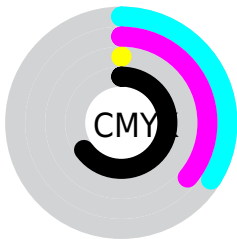
Blue (35%)



Red (23%)

Yellow (23%)

Blue (35%)

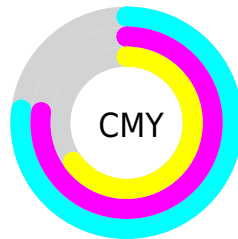


Cyan (34%)

Magenta (36%)

Yellow (0%)

Black (65%)



Cyan (77%)

Magenta (77%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3A5A 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 3B3A5A by changing the saturation by 10% instead.

■ 3B3A5A

■ 3B3A5A

FFFFFF

■ 242442

■ 6B698C

■ 0F102C

■ 8582A7

■ 000117

■ 9F9CC2

■ 000000

■ BAB7DE

■ D6D3FA

■ F3EFFF

■ 3B3A5A

■ 3B3A5A

■ 32315A

■ 44435A

■ 2A285A

■ 4C4C5A

■ 211F5A

■ 55555A

■ 18165A

■ 5E5E5A

■ 0F0D5A

■ 67675A

■ 07045A

■ 6F705A

■ 03005A

■ 78795A

■ 81825A

■ 898B5A

Harmonies

Analogous

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



1F405D



3B3A5A



4F3450

Triad

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



3B3A5A



553623



0D453A

Complementary

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



3B3A5A



595A3A

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.



27442A



3B3A5A



493B1D

Square

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



3B3A5A



5C3130



3A4020



00454A

Rectangle

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



3B3A5A



573146



3A4020



174535

Sweetspot

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



3B3A5A



696875



3A595A



33333B



BABABA



3B3B3B

Same Dimension

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



3B3A5A



444375



4B3A5A



29292E



03006E



0700ED

Inverse Universe

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



5A3A59



754374



495A3A



2E292E



6E006A



ED00E6

Previews

White Background



This preview shows how the Hex color 3B3A5A looks on a white background.

Color Contrast Check

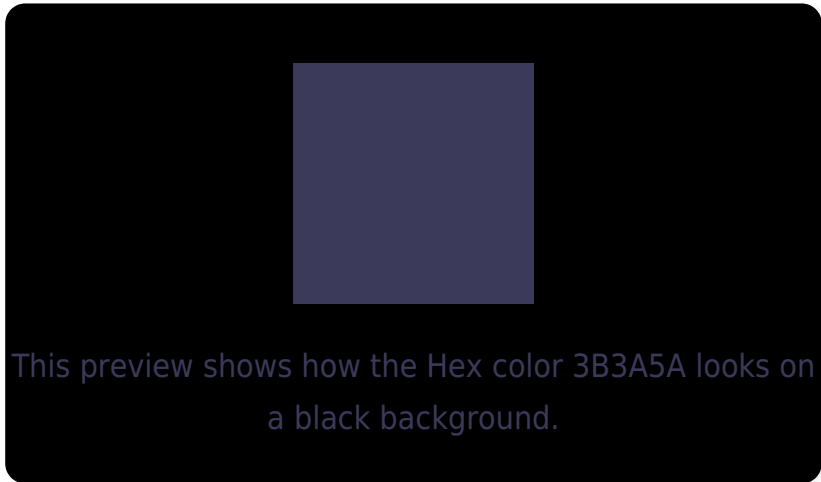
Large Text (above 18pt) WCAG AA ✓ Pass

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

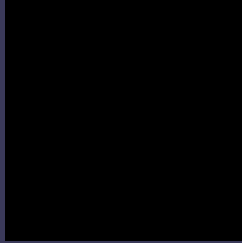
Any Text WCAG AA × Fail

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 3B3A5A Background



This preview shows how black text looks on a background with the Hex color 3B3A5A.

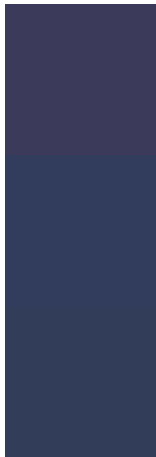


This preview shows how white text looks on a background with the Hex color 3B3A5A.

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
3B3A5A

Protanopia
323C5C

Deuteranopia
323D59



Tritanopia
363F44

Trichromacy



Original Color
3B3A5A

Protanomaly
353B5B

Deuteranomaly
353C59

Tritanomaly
383D4C

Monochromacy



Original Color
3B3A5A

Achromatopsia
3E3E3E

Achromatomaly
3D3D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3A5A 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 #3B3A5A looks like.

```
.text, #text, p{  
    color:#3B3A5A  
}
```

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 #3B3A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3A5A
}
```

Border

The CSS property to change the border of an element to Hex 3B3A5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

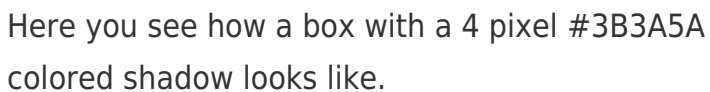
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3A5A }
```

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

```
.border{ border-color:#3B3A5A }
```

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



Here you see how a box with a 4 pixel #3B3A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3A5A; -webkit-box-shadow:4px 4px  
4px 4px #3B3A5A; box-shadow:4px 4px 4px  
4px #3B3A5A }
```

Background

The CSS property to change the background color of an element to Hex 3B3A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3A5A }
```

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

```
.background{ background-color:#3B3A5A }
```

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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