

Converting Colors

Hex(3A3B4A)

Have a look what the booklet for
Hex(3A3B4A) contains.

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Color

Hex(3A3B4A)

Conversions

Conversions Part 1

Format	Color
Hex	3A3B4A
RGB	58, 59, 74
RGB Percent	23%, 23%, 29%
CMY	0.7725, 0.7686, 0.7098
CMYK	0.22, 0.20, 0.00, 0.71
HSL	236°, 12%, 26%
HSV	236°, 22%, 29%
XYZ	4.5449, 4.5219, 7.1118
YIQ	60.4110, -5.4110, 4.4530

Conversions

Conversions Part 2

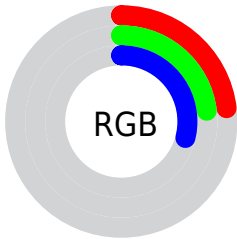
Format	Color
R_{YB}	58, 59, 74
Decimal	3816266
CIE Lab	25.33, 3.35, -9.29
CIE LCh	25, 9.877, 289.821
Yxy	4.5219, 0.2809, 0.2795
Android (android.graphics.Color)	4282006346 (0xFF3A3B4A)
YUV	60.4110, 6.6994, -2.1144
Hunter-Lab	21.2647, 0.9376, -4.9438

Details

The Hex color **3A3B4A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A493A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **696A7B**, and **10101E** is the 20% darker color. If you saturate the color by 10%, you get **33344A**, and if you desaturate by 10%, it is **41424A**.

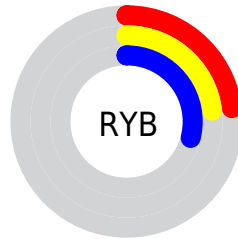
Distribution



 Red (23%)

 Green (23%)

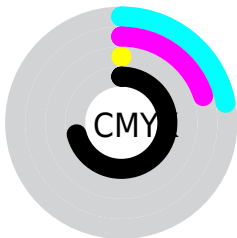
 Blue (29%)



 Red (23%)

 Yellow (23%)

 Blue (29%)

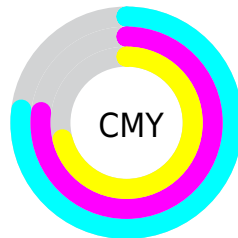


 Cyan (22%)

 Magenta (20%)

 Yellow (0%)

 Black (71%)



 Cyan (77%)

 Magenta (77%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3B4A 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 3A3B4A by changing the saturation by 10% instead.



3A3B4A



3A3B4A

FFFFFF



242533



696A7B



10101E



838394



000003



9D9DAF



000000



B8B8CB



D3D4E7



F0F0FF



3A3B4A



3A3B4A



33344A



41424A

■ 2B2D4A

■ 49494A

■ 24264A

■ 50504A

■ 1C1F4A

■ 58574A

■ 15184A

■ 5F5E4A

■ 0E114A

■ 66654A

■ 060A4A

■ 6E6C4A

■ 00054A

■ 75734A

■ 7D794A

Harmonies

Analogous

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



303D4B



3A3B4A



433946

Triad

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



3A3B4A



4A3831



2C4039

Complementary

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



3A3B4A



4A493A

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.



343F32



3A3B4A



443B2D

Square

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



3A3B4A



4C3737



3C3D2E



284041

Rectangle

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



3A3B4A



483741



3C3D2E



2F4037

Sweetspot

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



3A3B4A



5B5B61



3A4A49



2D2D30



B0B0B0



303030

Same Dimension

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



3A3B4A



484961



413A4A



222326



000666



000EE6

Inverse Universe

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



4A3A3B



614849



434A3A



262223



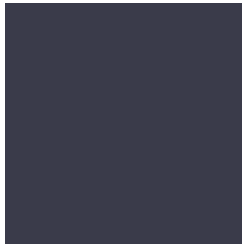
660006



E6000E

Previews

White Background



This preview shows how the Hex color 3A3B4A looks on a white background.

Color Contrast Check

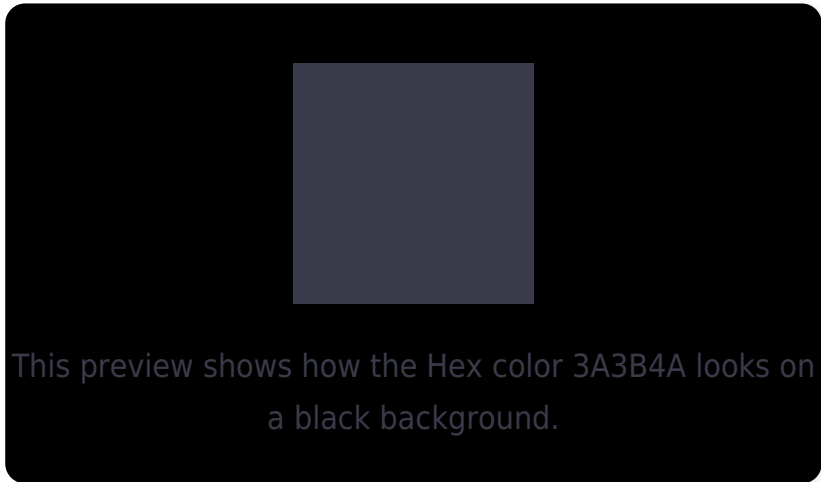
Large Text (above 18pt) WCAG AA ✓ Pass

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

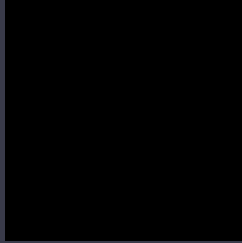
Any Text WCAG AA × Fail

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 3A3B4A Background



This preview shows how black text looks on a background with the Hex color 3A3B4A.



This preview shows how white text looks on a background with the Hex color 3A3B4A.

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
3A3B4A

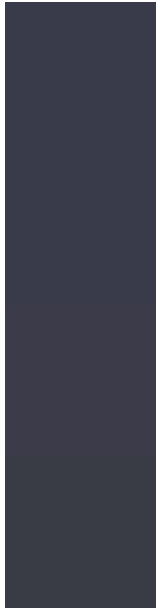
Protanopia
393B4A

Deuteranopia
3B3B4A



Tritanopia
383D41

Trichromacy



Original Color

3A3B4A

Protanomaly

393B4A

Deuteranomaly

3B3B4A

Tritanomaly

393C44

Monochromacy



Original Color

3A3B4A

Achromatopsia

3C3C3C

Achromatomaly

3B3C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3B4A 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 #3A3B4A looks like.

```
.text, #text, p{  
    color:#3A3B4A  
}
```

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 #3A3B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3B4A
}
```

Border

The CSS property to change the border of an element to Hex 3A3B4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

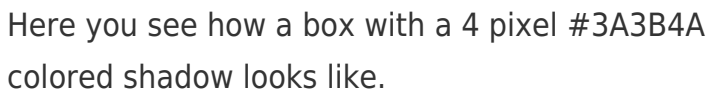
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3B4A }
```

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

```
.border{ border-color:#3A3B4A }
```

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



Here you see how a box with a 4 pixel #3A3B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3B4A; -webkit-box-shadow:4px 4px  
4px 4px #3A3B4A; box-shadow:4px 4px 4px  
4px #3A3B4A }
```

Background

The CSS property to change the background color of an element to Hex 3A3B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3B4A }
```

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

```
.background{ background-color:#3A3B4A }
```

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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