

# Converting Colors

Hex(3A3251)

Have a look what the booklet for  
Hex(3A3251) contains.

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# Color

**Hex(3A3251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A3251
RGB	58, 50, 81
RGB Percent	23%, 20%, 32%
CMY	0.7725, 0.8039, 0.6824
CMYK	0.28, 0.38, 0.00, 0.68
HSL	255°, 24%, 26%
HSV	255°, 38%, 32%
XYZ	4.3707, 3.7748, 8.2828
YIQ	55.9260, -5.1830, 11.3370

# Conversions

## Conversions Part 2

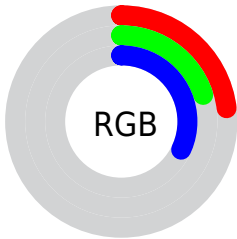
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 50, 81
Decimal	3813969
CIE <sub>Lab</sub>	22.91, 11.41, -17.65
CIE <sub>LCh</sub>	23, 21.017, 302.869
Yxy	3.7748, 0.2660, 0.2298
Android (android.graphics.Color)	4282004049 (0xFF3A3251)
<b>YUV</b>	55.9260, 12.3615, 1.8189
Hunter-Lab	19.4289, 6.1548, -11.6760

# Details

The Hex color **3A3251** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **495132**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6A6082**, and **100424** is the 20% darker color. If you saturate the color by 10%, you get **342A51**, and if you desaturate by 10%, it is **403A51**.

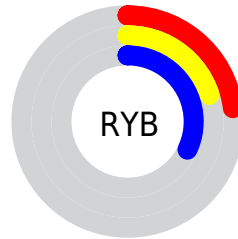
# Distribution



Red (23%)

Green (20%)

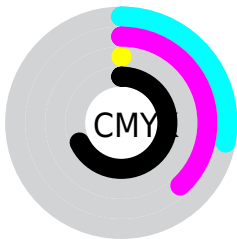
Blue (32%)



Red (23%)

Yellow (20%)

Blue (32%)

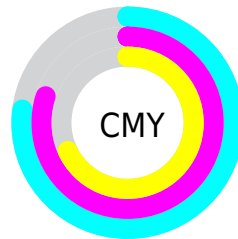


Cyan (28%)

Magenta (38%)

Yellow (0%)

Black (68%)



Cyan (77%)

Magenta (80%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A3251 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 3A3251 by changing the saturation by 10% instead.



■ 3A3251

■ 3A3251

FFFFFF

■ 241D3A

■ 6A6082

■ 100424

■ 83799D

■ 00010D

■ 9E93B8

■ 000000

■ B9ADD3

■ D4C9F0

■ F1E5FF

■ 3A3251

■ 3A3251

■ 342A51

■ 403A51

■ 2E2251

■ 464251

■ 281A51

■ 4C4A51

■ 221251

■ 525251

■ 1C0A51

■ 585B51

■ 160151

■ 5E6351

■ 150051

■ 646B51

■ 6A7351

■ 707B51

# Harmonies

## Analogous

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



1F3856



3A3251



4B2C45

# Triad

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



3A3251



4C311B



003F38

# Complementary

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



3A3251



495132

# 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.



1A3E28



3A3251



3F3617

# Square

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



3A3251



532C27



2F3B1C



003E47

# Rectangle

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



3A3251



522A3B



2F3B1C



063F32



# Sweetspot

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



3A3251



605D69



324951



302F36



B5B5B5



363636



# Same Dimension

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



3A3251



453869



493251



262529



1B0069



3C00E8



# Inverse Universe

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



513249



69385C



3A5132



292528



69004E



E800AC



# Previews

## White Background



This preview shows how the Hex color 3A3251 looks on a white background.

## Color Contrast Check

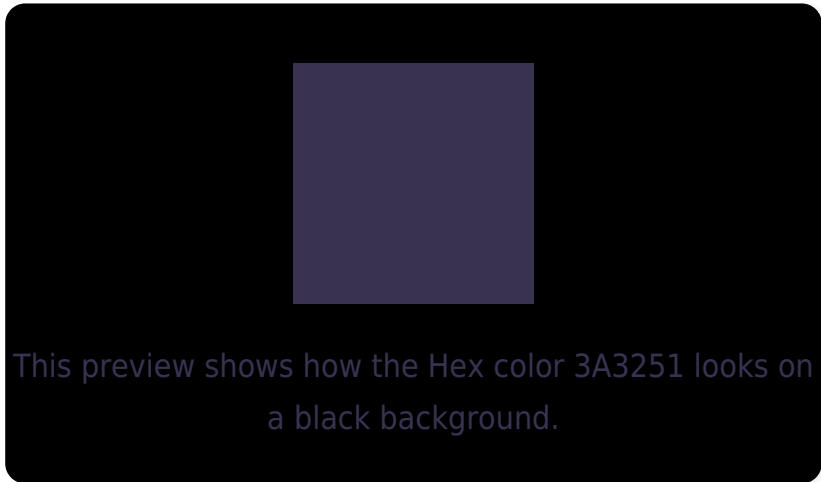
Large Text (above 18pt) WCAG AA ✓ Pass

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

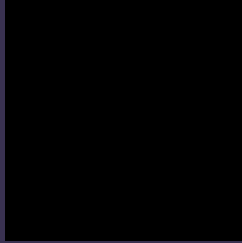
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A3251 Background



This preview shows how black text looks on a background with the Hex color 3A3251.

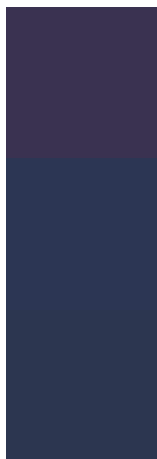


This preview shows how white text looks on a background with the Hex color 3A3251.

# 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**  
3A3251

**Protanopia**  
2C3654

**Deuteranopia**  
2C3650



**Tritanopia**  
36373B

# Trichromacy



**Original Color**

3A3251

**Protanomaly**

313553

**Deuteranomaly**

313550

**Tritanomaly**

373543

# Monochromacy



**Original Color**

3A3251

**Achromatopsia**

383838

**Achromatomaly**

393641

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A3251 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 #3A3251 looks like.

```
.text, #text, p{  
    color:#3A3251  
}
```

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 #3A3251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3251
}
```

## Border

The CSS property to change the border of an element to Hex 3A3251 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
#3A3251 }
```

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

```
.border{ border-color:#3A3251 }
```

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

Here you see how a box with a 4 pixel #3A3251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3251; -webkit-box-shadow:4px 4px  
4px 4px #3A3251; box-shadow:4px 4px 4px  
4px #3A3251 }
```

# Background

The CSS property to change the background color of an element to Hex 3A3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3251 }
```

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

```
.background{ background-color:#3A3251 }
```

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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