

# Converting Colors

Hex(323061)

Have a look what the booklet for  
Hex(323061) contains.

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# Color

**Hex(323061)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	323061
RGB	50, 48, 97
RGB Percent	20%, 19%, 38%
CMY	0.8039, 0.8118, 0.6196
CMYK	0.48, 0.51, 0.00, 0.62
HSL	242°, 34%, 28%
HSV	242°, 51%, 38%
XYZ	4.5300, 3.6551, 11.7760
YIQ	54.1840, -14.5370, 15.6630

# Conversions

## Conversions Part 2

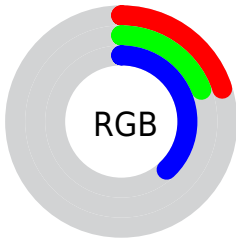
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 48, 97
Decimal	3289185
CIE <sub>Lab</sub>	22.50, 15.35, -28.92
CIE <sub>LCh</sub>	22, 32.737, 297.960
Yxy	3.6551, 0.2269, 0.1831
Android (android.graphics.Color)	4281479265 (0xFF323061)
YUV	54.1840, 21.1083, -3.6694
Hunter-Lab	19.1183, 8.8380, -23.1372

# Details

The Hex color **323061** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F6130**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **645E94**, and **040132** is the 20% darker color. If you saturate the color by 10%, you get **292661**, and if you desaturate by 10%, it is **3B3A61**.

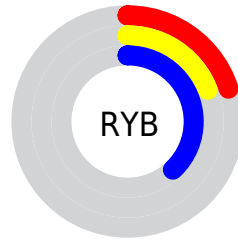
# Distribution



Red (20%)

Green (19%)

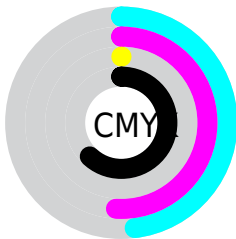
Blue (38%)



Red (20%)

Yellow (19%)

Blue (38%)

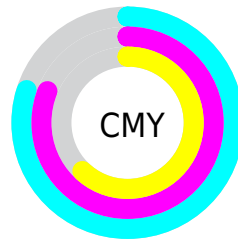


Cyan (48%)

Magenta (51%)

Yellow (0%)

Black (62%)



Cyan (80%)

Magenta (81%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 323061 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 323061 by changing the saturation by 10% instead.



■ 323061

■ 323061

FFFFFF

■ 191B49

■ 645E94

■ 040132

■ 7D77AF

■ 00021C

■ 9890CA

■ 000000

■ B3ABE7

■ CFC6FF

■ ECE2FF

■ 323061

■ 323061

■ 292661

■ 3B3A61

■ 1F1D61

■ 454361

■ 161361

■ 4E4D61

■ 0D0961

■ 575761

■ 040061

■ 616161

■ 6A6A61

■ 737461

■ 7C7E61

■ 868761

# Harmonies

## Analogous

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



003967



323061



512550

# Triad

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



323061



552A0B



004133

# Complementary

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



323061



5F6130

# 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.



033F1A



323061



433400

# Square

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



323061



602020



2B3B04



00414C

# Rectangle

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



323061



5D1F41



2B3B04



00402B



# Sweetspot

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



323061



6B6A7D



305F61



353440



BFBFBF



404040



# Same Dimension

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



323061



34317D



4A3061



2C2C30



050070



0A00F0



# Inverse Universe

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



61305F



7D317A



476130



302C30



70006C



F000E6



# Previews

## White Background



This preview shows how the Hex color 323061 looks on a white background.

## Color Contrast Check

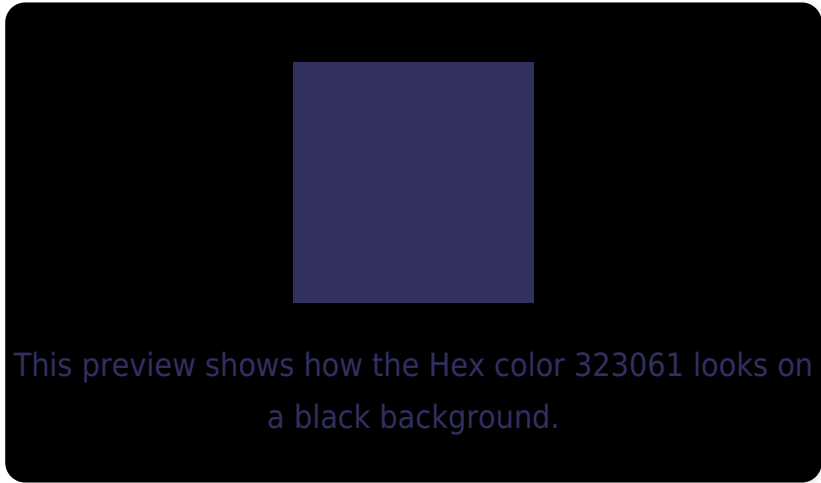
Large Text (above 18pt) WCAG AA ✓ Pass

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

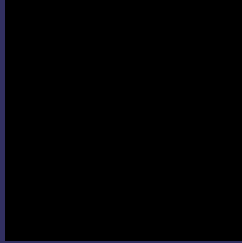
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 323061 Background



This preview shows how black text looks on a background with the Hex color 323061.



This preview shows how white text looks on a background with the Hex color 323061.

# 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](#).

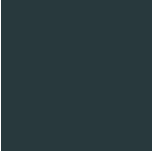
## Dichromacy



**Original Color**  
323061

**Protanopia**  
1B3465

**Deuteranopia**  
10375F



**Tritanopia**  
28393D

# Trichromacy



**Original Color**  
323061

**Protanomaly**  
233364

**Deuteranomaly**  
1C3460

**Tritanomaly**  
2C364A

# Monochromacy



**Original Color**  
323061

**Achromatopsia**  
363636

**Achromatomaly**  
353446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 323061 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 #323061 looks like.

```
.text, #text, p{  
    color:#323061  
}
```

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 #323061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323061
}
```

## Border

The CSS property to change the border of an element to Hex 323061 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
#323061 }
```

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

```
.border{ border-color:#323061 }
```

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

Here you see how a box with a 4 pixel #323061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323061; -webkit-box-shadow:4px 4px  
4px 4px #323061; box-shadow:4px 4px 4px  
4px #323061 }
```

# Background

The CSS property to change the background color of an element to Hex 323061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323061 }
```

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

```
.background{ background-color:#323061 }
```

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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