

# Converting Colors

Hex(323A89)

Have a look what the booklet for  
Hex(323A89) contains.

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# Color

Hex(323A89)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	323A89
RGB	50, 58, 137
RGB Percent	20%, 23%, 54%
CMY	0.8039, 0.7725, 0.4627
CMYK	0.64, 0.58, 0.00, 0.46
HSL	234°, 47%, 37%
HSV	234°, 64%, 54%
XYZ	7.3438, 5.5104, 24.3435
YIQ	64.6140, -30.1270, 22.8730

# Conversions

## Conversions Part 2

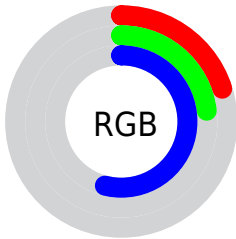
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 57, 137
Decimal	3291785
CIELab	28.14, 22.69, -45.28
CIELCh	28, 50.648, 296.619
Yxy	5.5104, 0.1974, 0.1481
Android (android.graphics.Color)	4281481865 (0xFF323A89)
YUV	64.6140, 35.6863, -12.8165
Hunter-Lab	23.4742, 14.7633, -45.0537

# Details

The Hex color **323A89** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **898132**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6A69BF**, and **001156** is the 20% darker color. If you saturate the color by 10%, you get **242E89**, and if you desaturate by 10%, it is **404689**.

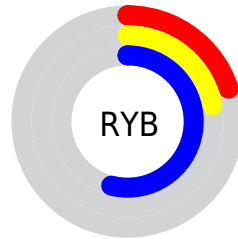
# Distribution



 Red (20%)

 Green (23%)

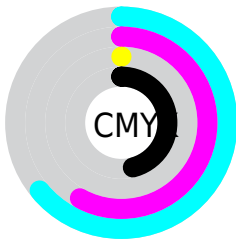
 Blue (54%)




 Red (20%)

 Yellow (22%)

 Blue (54%)

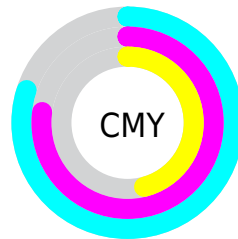


 Cyan (64%)


 Magenta (58%)

 Yellow (0%)

 Black (46%)



 Cyan (80%)

 Magenta (77%)

 Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 323A89 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 323A89 by changing the saturation by 10% instead.





323A89



323A89

FFFFFF



0F256F



6A69BF



001156



8582DB



00003E



A19CF8



000327



BDB7FF



000111



DAD3FF



000000



F7EFFF



323A89



323A89



242E89



404689

■ 172189

■ 4D5389

■ 091589

■ 5B5F89

■ 000D89

■ 696C89

■ 767889

■ 848589

■ 929189

■ A09E89

■ ADAA89

# Harmonies

## Analogous

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



004991



323A89



6C236E

# Triad

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



323A89



722E00



00533D

# Complementary

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



323A89



898132

# 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.



005013



323A89



563F00

# Square

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



323A89



831622



304A00



005365

# Rectangle

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



323A89



7E1256



304A00



00522F



# Sweetspot

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



323A89



9194B3



328980



454759



D9D9D9



595959



# Same Dimension

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



323A89



2B37B3



553289



3E3F45



000C85



000005



# Inverse Universe

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



89323A



B32B37



668932



453E3F



85000C



050000



# Previews

## White Background



This preview shows how the Hex color 323A89 looks on a white background.

## Color Contrast Check

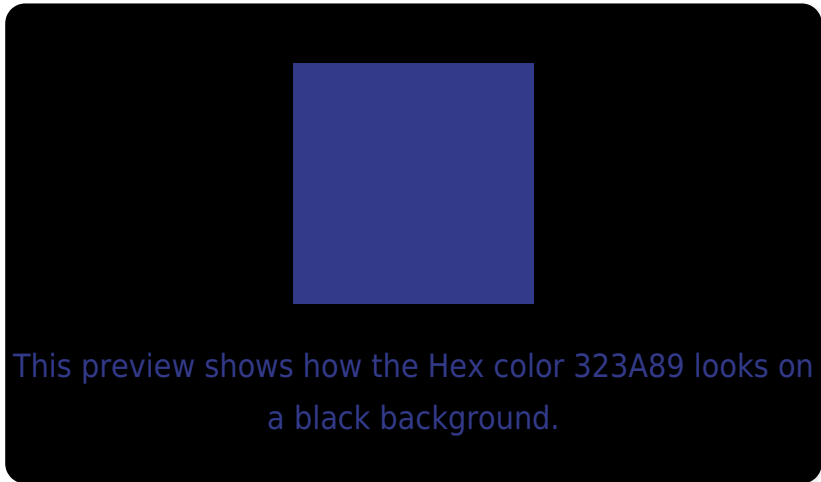
Large Text (above 18pt) WCAG AA ✓ Pass

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

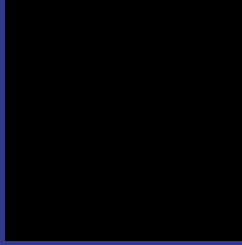
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 323A89 Background



This preview shows how black text looks on a background with the Hex color 323A89.

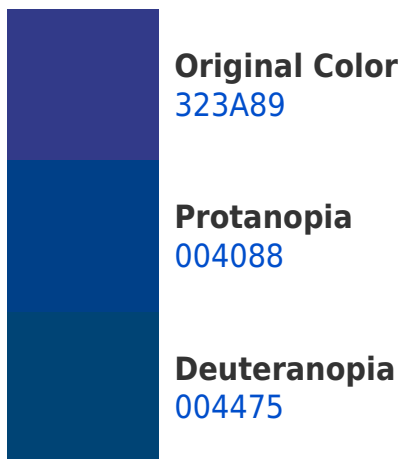



This preview shows how white text looks on a background with the Hex color 323A89.

# 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





**Tritanopia**  
0E494F

# Trichromacy



**Original Color**  
323A89

**Protanomaly**  
123E88

**Deuteranomaly**  
12407C

**Tritanomaly**  
1B4464

# Monochromacy



**Original Color**  
323A89

**Achromatopsia**  
414141

**Achromatomaly**  
3C3E5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 323A89 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 #323A89 looks like.

```
.text, #text, p{  
    color:#323A89  
}
```

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 #323A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323A89
}
```

## Border

The CSS property to change the border of an element to Hex 323A89 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
#323A89 }
```

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

```
.border{ border-color:#323A89 }
```

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

Here you see how a box with a 4 pixel #323A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323A89; -webkit-box-shadow:4px 4px  
4px 4px #323A89; box-shadow:4px 4px 4px  
4px #323A89 }
```

# Background

The CSS property to change the background color of an element to Hex 323A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323A89 }
```

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

```
.background{ background-color:#323A89 }
```

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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