

Converting Colors

Hex(323177)

Have a look what the booklet for
Hex(323177) contains.

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Color

Hex(323177)

Conversions

Conversions Part 1

Format	Color
Hex	323177
RGB	50, 49, 119
RGB Percent	20%, 19%, 47%
CMY	0.8039, 0.8078, 0.5333
CMYK	0.58, 0.59, 0.00, 0.53
HSL	241°, 42%, 33%
HSV	241°, 59%, 47%
XYZ	5.7435, 4.2066, 17.9620
YIQ	57.2790, -21.8740, 21.9820

Conversions

Conversions Part 2

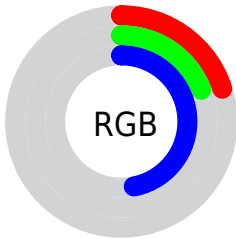
Format	Color
RYB	50, 49, 119
Decimal	3289463
CIELab	24.34, 22.31, -40.13
CIElCh	24, 45.918, 299.076
Yxy	4.2066, 0.2058, 0.1507
Android (android.graphics.Color)	4281479543 (0xFF323177)
YUV	57.2790, 30.4285, -6.3837
Hunter-Lab	20.5101, 14.0930, -37.5670




Details

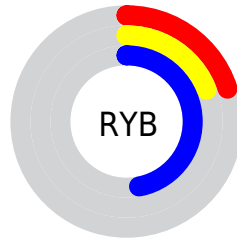
The Hex color **323177** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **767731**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **675FAC**, and **000546** is the 20% darker color. If you saturate the color by 10%, you get **262577**, and if you desaturate by 10%, it is **3E3D77**.

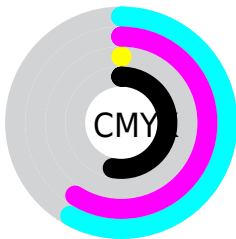
Distribution







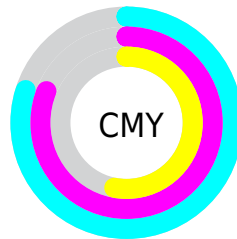
-  Red (20%)
-  Green (19%)
-  Blue (47%)






-  Red (20%)
-  Yellow (19%)
-  Blue (47%)



-  Cyan (58%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (80%)
-  Magenta (81%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 323177 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 323177 by changing the saturation by 10% instead.

■ 323177

■ 323177

FFFFFF

■ 151C5E

■ 675FAC

■ 000546

■ 8278C7

■ 00042F

■ 9D92E4

■ 000119

■ B9ACFF

■ 000000

■ D5C8FF

■ F2E4FF

■ 323177

■ 323177

■ 262577

■ 3E3D77

■ 1B1977

■ 494977

■ 0F0D77

■ 555577

■ 030177

■ 616177

■ 020077

■ 6D6C77

■ 787877

■ 848477

■ 909077

■ 9C9C77

Harmonies

Analogous

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



003F80



323177



611D5E

Triad

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



323177



632900



004838

Complementary

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



323177



767731

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.



004613



323177



493800

Square

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



323177



72151B



274100



00485B

Rectangle

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



323177



700E48



274100



00482C

Sweetspot

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



323177



80809C



317777



3E3E4F



CFCFCF



4F4F4F

Same Dimension

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



323177



2F2D9C



543177



35353B



02007A



0400FA

Inverse Universe

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



773176



9C2D9A



547731



3B353B



7A0079



FA00F6

Previews

White Background



This preview shows how the Hex color 323177 looks on a white background.

Color Contrast Check

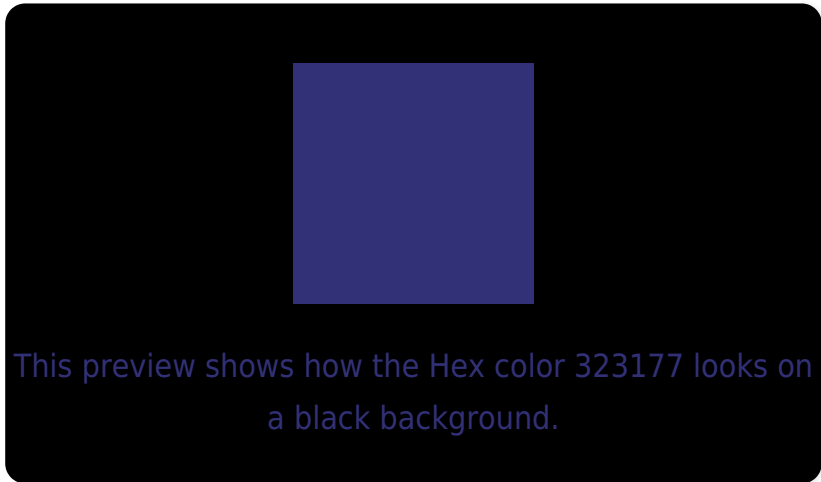
Large Text (above 18pt) WCAG AA ✓ Pass

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

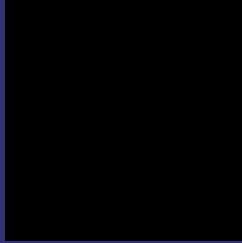
Any Text WCAG AA × Fail

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 323177 Background



This preview shows how black text looks on a background with the Hex color 323177.



This preview shows how white text looks on a background with the Hex color 323177.

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
323177

Protanopia
003877

Deuteranopia
003B67



Tritanopia
1D3F44

Trichromacy



Original Color
323177

Protanomaly
123577

Deuteranomaly
12376D

Tritanomaly
253A57

Monochromacy



Original Color
323177

Achromatopsia
393939

Achromatomaly
363650

CSS Examples

Text

The CSS property to change the color of the text to Hex 323177 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 #323177 looks like.

```
.text, #text, p{  
    color:#323177  
}
```

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 #323177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323177  
}
```

Border

The CSS property to change the border of an element to Hex 323177 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  
#323177 }
```

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

```
.border{ border-color:#323177 }
```

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

Here you see how a box with a 4 pixel #323177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323177; -webkit-box-shadow:4px 4px  
4px 4px #323177; box-shadow:4px 4px 4px  
4px #323177 }
```

Background

The CSS property to change the background color of an element to Hex 323177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323177 }
```

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

```
.background{ background-color:#323177 }
```

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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