

# Converting Colors

Hex(322B6B)

Have a look what the booklet for  
Hex(322B6B) contains.

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# Color

**Hex(322B6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	322B6B
RGB	50, 43, 107
RGB Percent	20%, 17%, 42%
CMY	0.8039, 0.8314, 0.5804
CMYK	0.53, 0.60, 0.00, 0.58
HSL	247°, 43%, 29%
HSV	247°, 60%, 42%
XYZ	4.8331, 3.4674, 14.3245
YIQ	52.3890, -16.3720, 21.3880

# Conversions

## Conversions Part 2

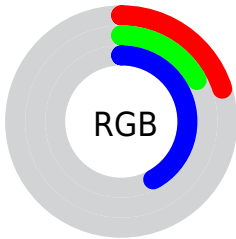
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 43, 107
Decimal	3287915
CIELab	21.83, 22.20, -36.50
CIElCh	22, 42.720, 301.302
Yxy	3.4674, 0.2136, 0.1533
Android (android.graphics.Color)	4281477995 (0xFF322B6B)
YUV	52.3890, 26.9232, -2.0952
Hunter-Lab	18.6210, 13.7434, -32.5751

# Details

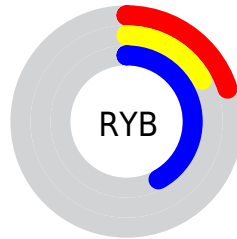
The Hex color **322B6B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **646B2B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **65599F**, and **00003B** is the 20% darker color. If you saturate the color by 10%, you get **28206B**, and if you desaturate by 10%, it is **3C366B**.

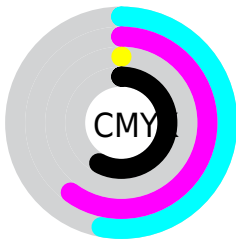
# Distribution



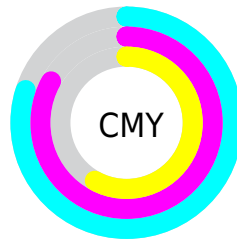
- Red (20%)
- Green (17%)
- Blue (42%)



- Red (20%)
- Yellow (17%)
- Blue (42%)



- Cyan (53%)
- Magenta (60%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (83%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 322B6B 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 322B6B by changing the saturation by 10% instead.



■ 322B6B

■ 322B6B

FFFFFF

■ 171652

■ 65599F

■ 00003B

■ 8071BA

■ 000224

■ 9B8BD6

■ 00000C

■ B6A5F3

■ 000000

■ D2C0FF

■ EFDCFF

■ FFF9FF

■ 322B6B

■ 322B6B

■ 28206B

■ 3C366B

■ 1F166B

■ 45406B

■ 150B6B

■ 4F4B6B

■ 0C006B

■ 58566B

■ 62616B

■ 6B6B6B

■ 75766B

■ 7E816B

■ 888B6B

# Harmonies

## Analogous

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



003874



322B6B



5A1853

# Triad

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



322B6B



592600



004235

# Complementary

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



322B6B



646B2B

# 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.



004013



322B6B



403300

# Square

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



322B6B



681415



213C00



004255

# Rectangle

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



322B6B



670B3F



213C00



00412A



# Sweetspot

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



322B6B



76738C



2B656B



393847



C7C7C7



474747



# Same Dimension

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



322B6B



32278C



512B6B



313036



0D0075



1B00F5



# Inverse Universe

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



6B2B64



8C2781



456B2B



363035



750068



F500DA



# Previews

## White Background



This preview shows how the Hex color 322B6B 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

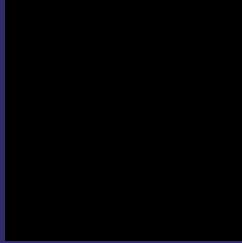
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 322B6B Background



This preview shows how black text looks on a background with the Hex color 322B6B.



This preview shows how white text looks on a background with the Hex color 322B6B.

# 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**  
322B6B

**Protanopia**  
00336B

**Deuteranopia**  
00365D



# Trichromacy



**Original Color**  
322B6B

**Protanomaly**  
12306B

**Deuteranomaly**  
123262

**Tritanomaly**  
28334D

# Monochromacy



**Original Color**  
322B6B

**Achromatopsia**  
343434

**Achromatomaly**  
333148

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 322B6B 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 #322B6B looks like.

```
.text, #text, p{  
    color:#322B6B  
}
```

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 #322B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322B6B
}
```

## Border

The CSS property to change the border of an element to Hex 322B6B 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
#322B6B }
```

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

```
.border{ border-color:#322B6B }
```

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

Here you see how a box with a 4 pixel #322B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322B6B; -webkit-box-shadow:4px 4px  
4px 4px #322B6B; box-shadow:4px 4px 4px  
4px #322B6B }
```

# Background

The CSS property to change the background color of an element to Hex 322B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322B6B }
```

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

```
.background{ background-color:#322B6B }
```

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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