

# Converting Colors

Hex(320C3F)

Have a look what the booklet for  
Hex(320C3F) contains.

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# Color

**Hex(320C3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	320C3F
RGB	50, 12, 63
RGB Percent	20%, 5%, 25%
CMY	0.8039, 0.9529, 0.7529
CMYK	0.21, 0.81, 0.00, 0.75
HSL	285°, 68%, 15%
HSV	285°, 81%, 25%
XYZ	2.3441, 1.2999, 4.8300
YIQ	29.1760, 6.2770, 23.9170

# Conversions

## Conversions Part 2

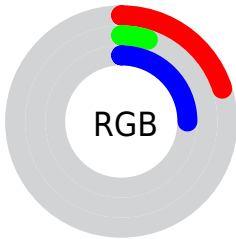
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 12, 63
Decimal	3279935
CIE <sub>Lab</sub>	11.28, 27.97, -23.77
CIE <sub>LCh</sub>	11, 36.711, 319.642
Yxy	1.2999, 0.2766, 0.1534
Android (android.graphics.Color)	4281470015 (0xFF320C3F)
YUV	29.1760, 16.6752, 18.2626
Hunter-Lab	11.4015, 16.7459, -17.1359

# Details

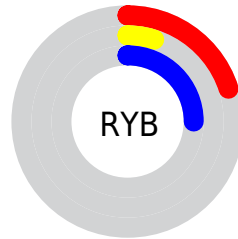
The Hex color **320C3F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **193F0C**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **623A6F**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **30063F**, and if you desaturate by 10%, it is **34123F**.

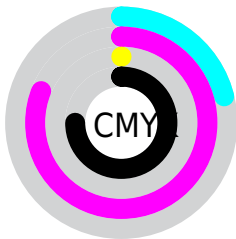
# Distribution



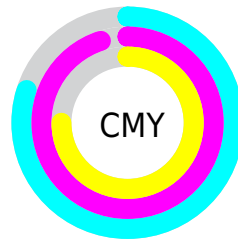
- Red (20%)
- Green (5%)
- Blue (25%)



- Red (20%)
- Yellow (5%)
- Blue (25%)



- Cyan (21%)
- Magenta (81%)
- Yellow (0%)
- Black (75%)



- Cyan (80%)
- Magenta (95%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 320C3F 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 320C3F by changing the saturation by 10% instead.



 320C3F

 320C3F

 FFF2FF

 1F0029

 623A6F

 000113

 7C5189

 000000

 966AA3

 B284BE

 CD9EDA

 EAB9F7

 FFD5FF

 320C3F

 320C3F

■ 30063F

■ 34123F

■ 2F003F

■ 35193F

■ 371F3F

■ 38253F

■ 3A2C3F

■ 3C323F

■ 3D383F

■ 3F3E3F

■ 40453F

# Harmonies

## Analogous

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



001C4E



320C3F



450028

# Triad

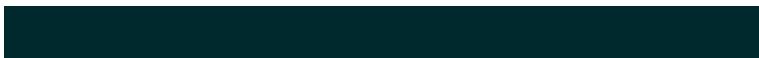
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



320C3F



2E1A00



00292E

# Complementary

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



320C3F



193F0C

# 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.



002914



320C3F



172200

# Square

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



320C3F



3F0C00



002600



002844

# Rectangle

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



320C3F



480017



002600



002926



# Sweetspot

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



320C3F



4D3E52



0C1A3F



261D29



A8A8A8



292929



# Same Dimension

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



320C3F



3D0252



3F0C33



1E1C1F



46005E



A500DE



# Inverse Universe

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



3F0C19



520217



0C3F18



1F1C1C



5E0018

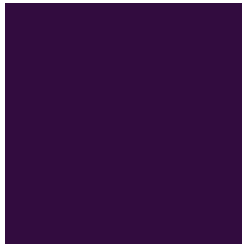


DE0039



# Previews

## White Background



This preview shows how the Hex color 320C3F looks on a white background.

## Color Contrast Check

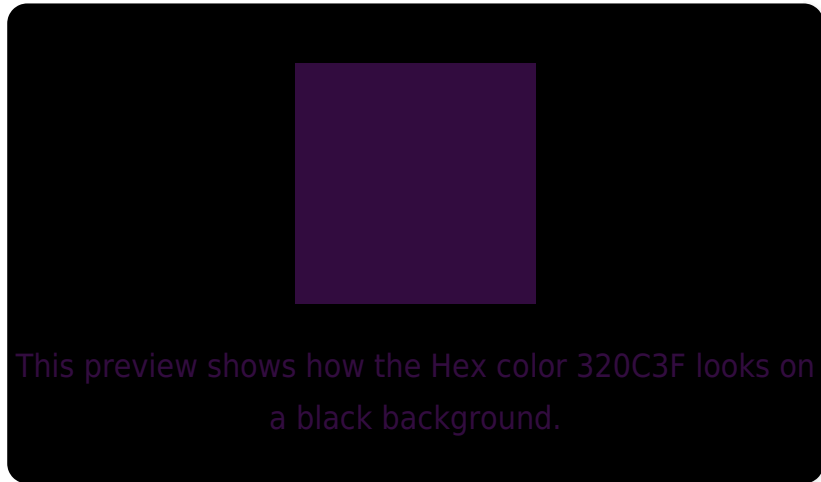
Large Text (above 18pt) WCAG AA ✓ Pass

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

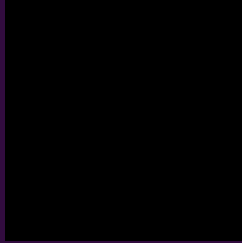
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 320C3F Background



This preview shows how black text looks on a background with the Hex color 320C3F.



This preview shows how white text looks on a background with the Hex color 320C3F.

# 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**  
320C3F

**Protanopia**  
001F41

**Deuteranopia**  
002139



**Tritanopia**  
2D1B1C

# Trichromacy



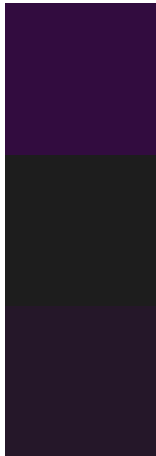
**Original Color**  
320C3F

**Protanomaly**  
121840

**Deuteranomaly**  
12193B

**Tritanomaly**  
2F1629

# Monochromacy



**Original Color**  
320C3F

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
251729

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 320C3F 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 #320C3F looks like.

```
.text, #text, p{  
    color:#320C3F  
}
```

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 #320C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320C3F
}
```

## Border

The CSS property to change the border of an element to Hex 320C3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

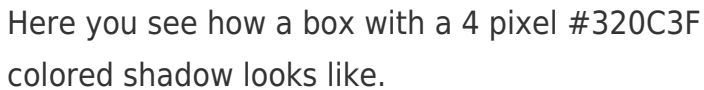
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#320C3F }
```

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

```
.border{ border-color:#320C3F }
```

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



Here you see how a box with a 4 pixel #320C3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320C3F; -webkit-box-shadow:4px 4px  
4px 4px #320C3F; box-shadow:4px 4px 4px  
4px #320C3F }
```

# Background

The CSS property to change the background color of an element to Hex 320C3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320C3F }
```

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

```
.background{ background-color:#320C3F }
```

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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