

Converting Colors

Hex(320C50)

Have a look what the booklet for
Hex(320C50) contains.

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Color

Hex(320C50)

Conversions

Conversions Part 1

Format	Color
Hex	320C50
RGB	50, 12, 80
RGB Percent	20%, 5%, 31%
CMY	0.8039, 0.9529, 0.6863
CMYK	0.38, 0.85, 0.00, 0.69
HSL	274°, 74%, 18%
HSV	274°, 85%, 31%
XYZ	2.8948, 1.5202, 7.7303
YIQ	31.1140, 0.8200, 29.2040

Conversions

Conversions Part 2

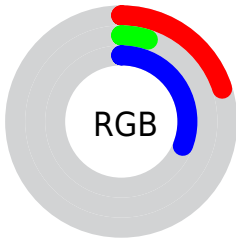
Format	Color
R_{YB}	50, 12, 80
Decimal	3279952
CIE Lab	12.74, 32.28, -33.27
CIE LCh	13, 46.358, 314.138
Yxy	1.5202, 0.2383, 0.1252
Android (android.graphics.Color)	4281470032 (0xFF320C50)
YUV	31.1140, 24.1008, 16.5630
Hunter-Lab	12.3298, 20.3317, -28.5415

Details

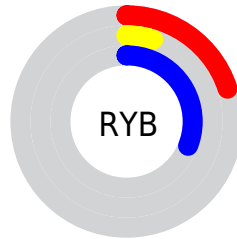
The Hex color **320C50** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2A500C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **643B82**, and **000122** is the 20% darker color. If you saturate the color by 10%, you get **2E0450**, and if you desaturate by 10%, it is **361450**.

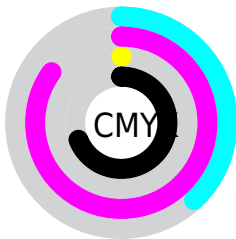
Distribution



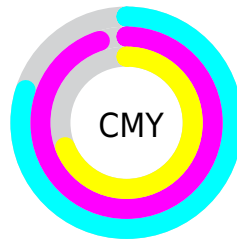
- Red (20%)
- Green (5%)
- Blue (31%)



- Red (20%)
- Yellow (5%)
- Blue (31%)



- Cyan (38%)
- Magenta (85%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (95%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320C50 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 320C50 by changing the saturation by 10% instead.

 320C50

 320C50

 FFF4FF

 1C0039

 643B82

 000122

 7E539C

 000009

 996CB7

 000000

 B485D3

 D0A0F0

 EDBBFF

 FFD7FF

 320C50

 320C50

■ 2E0450

■ 361450

■ 2D0050

■ 391C50

■ 3D2450

■ 402C50

■ 443450

■ 473C50

■ 4B4450

■ 4E4C50

■ 525450

Harmonies

Analogous

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



002161



320C50



4F0033

Triad

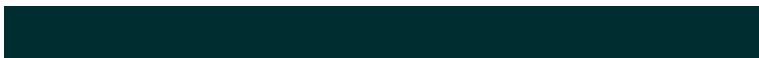
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



320C50



381900



002E30

Complementary

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



320C50



2A500C

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.



002D0D



320C50



1C2400

Square

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



320C50



4C0000



002A00



002D4E

Rectangle

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



320C50



55001E



002A00



002E25

Sweetspot

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



320C50



5D4D69



0C2B50



2E2536



B5B5B5



363636

Same Dimension

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



320C50



3A0069



500C4D



272529



8200E8

Inverse Universe

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



500C2A



69002E



0C500F



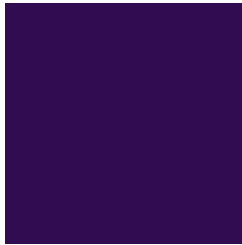
292527



E80066

Previews

White Background



This preview shows how the Hex color 320C50 looks on a white background.

Color Contrast Check

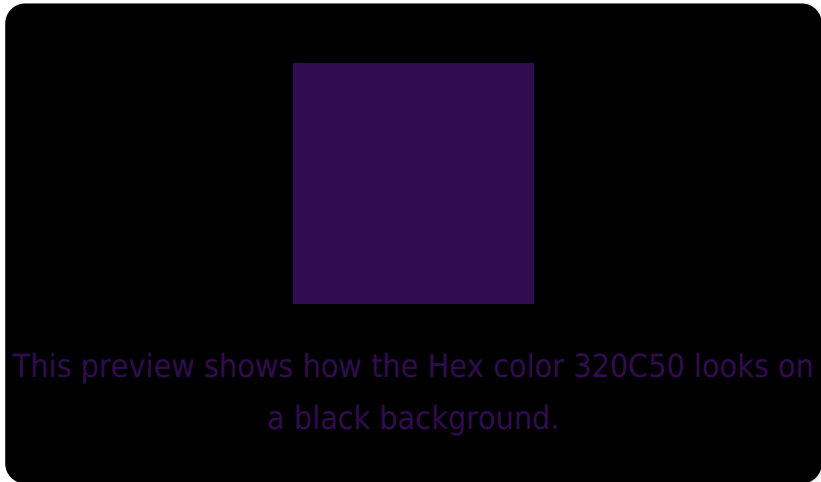
Large Text (above 18pt) WCAG AA ✓ Pass

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

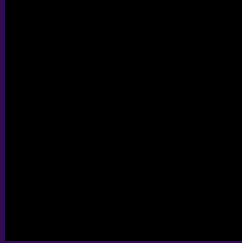
Any Text WCAG AA × Fail

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 320C50 Background



This preview shows how black text looks on a background with the Hex color 320C50.



This preview shows how white text looks on a background with the Hex color 320C50.

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
320C50

Protanopia
002247

Deuteranopia
00243D



Tritanopia
292123

Trichromacy



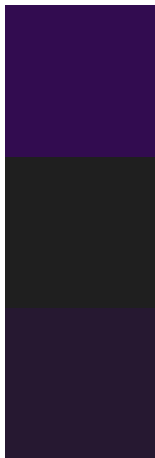
Original Color
320C50

Protanomaly
121A4A

Deuteranomaly
121B44

Tritanomaly
2C1933

Monochromacy



Original Color
320C50

Achromatopsia
1F1F1F

Achromatomaly
261831

CSS Examples

Text

The CSS property to change the color of the text to Hex 320C50 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 #320C50 looks like.

```
.text, #text, p{  
    color:#320C50  
}
```

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 #320C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320C50
}
```

Border

The CSS property to change the border of an element to Hex 320C50 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
#320C50 }
```

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

```
.border{ border-color:#320C50 }
```

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

Here you see how a box with a 4 pixel #320C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320C50; -webkit-box-shadow:4px 4px  
4px 4px #320C50; box-shadow:4px 4px 4px  
4px #320C50 }
```

Background

The CSS property to change the background color of an element to Hex 320C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320C50 }
```

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

```
.background{ background-color:#320C50 }
```

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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