

Converting Colors

Hex(320433)

Have a look what the booklet for
Hex(320433) contains.

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Color

Hex(320433)

Conversions

Conversions Part 1

Format	Color
Hex	320433
RGB	50, 4, 51
RGB Percent	20%, 2%, 20%
CMY	0.8039, 0.9843, 0.8000
CMYK	0.02, 0.92, 0.00, 0.80
HSL	299°, 85%, 11%
HSV	299°, 92%, 20%
XYZ	1.9563, 1.0040, 3.2226
YIQ	23.1120, 12.3290, 24.3690

Conversions

Conversions Part 2

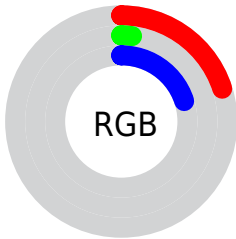
Format	Color
RYB	50, 4, 51
Decimal	3277875
CIELab	9.02, 29.16, -18.72
CIELCh	9, 34.654, 327.304
Yxy	1.0040, 0.3164, 0.1624
Android (android.graphics.Color)	4281467955 (0xFF320433)
YUV	23.1120, 13.7488, 23.5808
Hunter-Lab	10.0198, 17.3173, -12.0555

Details

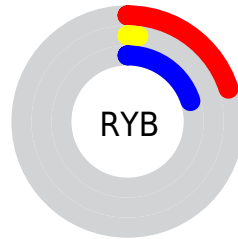
The Hex color **320433** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **053304**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **633362**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320033**, and if you desaturate by 10%, it is **320933**.

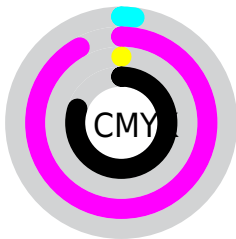
Distribution



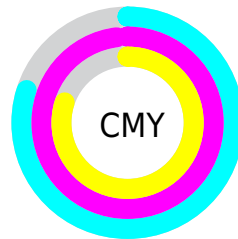
- Red (20%)
- Green (2%)
- Blue (20%)



- Red (20%)
- Yellow (2%)
- Blue (20%)



- Cyan (2%)
- Magenta (92%)
- Yellow (0%)
- Black (80%)



- Cyan (80%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320433 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 320433 by changing the saturation by 10% instead.

 320433

 320433

 FFEAFF

 1F001E

 633362

 000000

 7C4A7B

 976395

 B27CAF

 CE97CB

 EAB2E7

 FFCDFD

 320433

 320433

■ 320033

■ 320933

■ 320E33

■ 321333

■ 321833

■ 331D33

■ 332333

■ 332833

■ 332D33

■ 333233

Harmonies

Analogous

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



0C1443



320433



3F001D

Triad

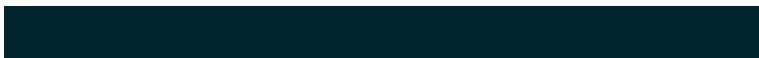
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



320433



231800



00252E

Complementary

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



320433



053304

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.



002517



320433



091F00

Square

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



320433



340D00



002300



002241

Rectangle

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



320433



40000A



002300



002527

Sweetspot

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



320433



423042



040633



211621



A1A1A1



212121

Same Dimension

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



320433



410042



33041D



19171A



570059



D400D9

Inverse Universe

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



330405



420001



04331A



1A1717



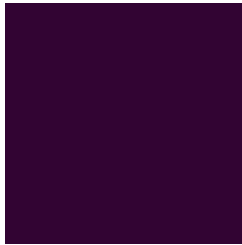
590002



D90005

Previews

White Background



This preview shows how the Hex color 320433 looks on a white background.

Color Contrast Check

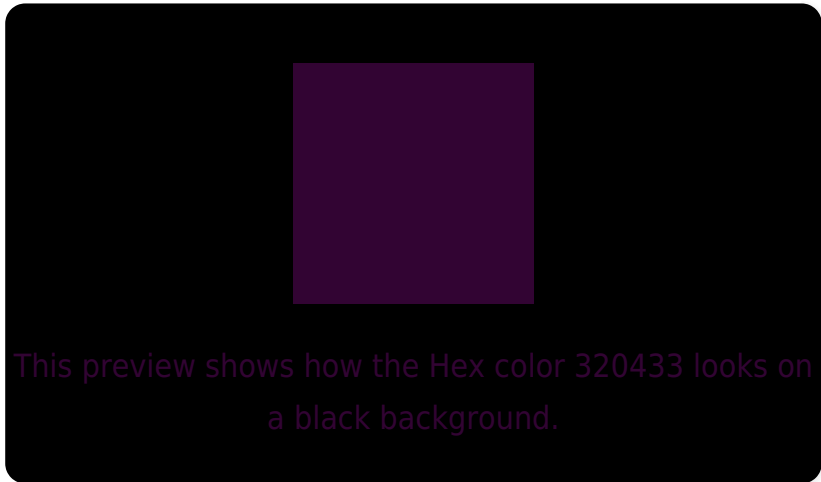
Large Text (above 18pt) WCAG AA ✓ Pass

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

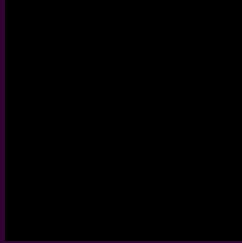
Any Text WCAG AA × Fail

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 320433 Background



This preview shows how black text looks on a background with the Hex color 320433.



This preview shows how white text looks on a background with the Hex color 320433.

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](#).

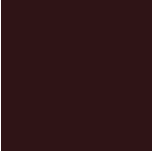
Dichromacy



Original Color
320433

Protanopia
001C3B

Deuteranopia
101D30



Tritanopia
2F1416

Trichromacy



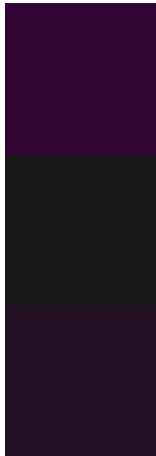
Original Color
320433

Protanomaly
121338

Deuteranomaly
1C1431

Tritanomaly
300E21

Monochromacy



Original Color
320433

Achromatopsia
171717

Achromatomaly
211021

CSS Examples

Text

The CSS property to change the color of the text to Hex 320433 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 #320433 looks like.

```
.text, #text, p{  
    color:#320433  
}
```

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 #320433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320433  
}
```

Border

The CSS property to change the border of an element to Hex 320433 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".

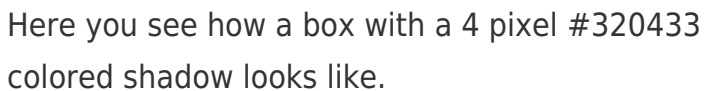
```
.border, #border, table{ border:4px solid  
#320433 }
```

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

```
.border{ border-color:#320433 }
```

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

Here you see how a box with a 4 pixel #320433 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320433; -webkit-box-shadow:4px 4px  
4px 4px #320433; box-shadow:4px 4px 4px  
4px #320433 }
```

Background

The CSS property to change the background color of an element to Hex 320433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320433 }
```

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

```
.background{ background-color:#320433 }
```

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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