

Converting Colors

Hex(320032)

Have a look what the booklet for
Hex(320032) contains.

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Color

Hex(320032)

Conversions

Conversions Part 1

Format	Color
Hex	320032
RGB	50, 0, 50
RGB Percent	20%, 0%, 20%
CMY	0.8039, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.00, 0.80
HSL	300°, 100%, 10%
HSV	300°, 100%, 20%
XYZ	1.8911, 0.9084, 3.0933
YIQ	20.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

Format	Color
R_{YB}	50, 0, 50
Decimal	3276850
CIE Lab	8.20, 31.16, -19.30
CIE LCh	8, 36.650, 328.233
Yxy	0.9084, 0.3209, 0.1542
Android (android.graphics.Color)	4281466930 (0xFF320032)
YUV	20.6500, 14.4695, 25.7400
Hunter-Lab	9.5310, 18.7383, -12.5708

Details

The Hex color **320032** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003200**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **632F61**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320032**, and if you desaturate by 10%, it is **320532**.

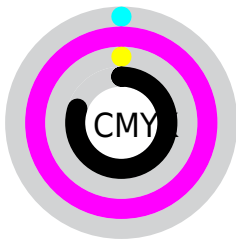
Distribution



- Red (20%)
- Green (0%)
- Blue (20%)



- Red (20%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (80%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320032 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 320032 by changing the saturation by 10% instead.

 320032

 320032

 FFE6FF

 1E001D

 632F61

 000000

 7D477A

 975F93

 B279AE

 CE93CA

 EBAEE6

 FFCAFF

 320032

■ 320532

■ 320A32

■ 320F32

■ 321432

■ 321932

■ 321E32

■ 322332

■ 322832

■ 322D32

Harmonies

Analogous

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



0A1244



320032



3F001B

Triad

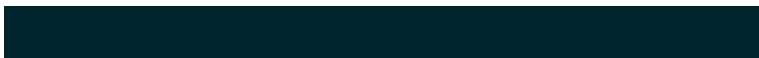
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



320032



211700



00242E

Complementary

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



320032



003200

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.



002416



320032



011E00

Square

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



320032



330A00



002200



002142

Rectangle

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



320032



400004



002200



002426

Sweetspot

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



320032



402D40



000032



211521



A1A1A1



212121

Same Dimension

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



320032



400040



320019



1A171A



590059



D900D9

Inverse Universe

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



320032



400040



003219



1A171A



590059



D900D9

Previews

White Background



This preview shows how the Hex color 320032 looks on a white background.

Color Contrast Check

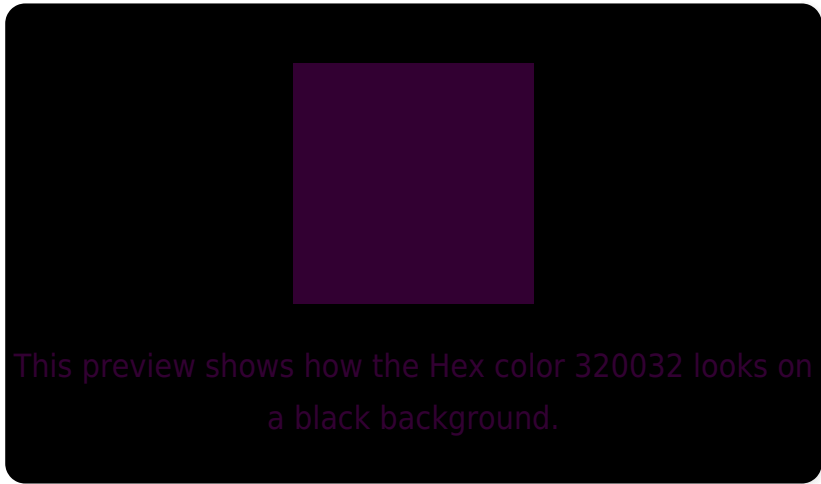
Large Text (above 18pt) WCAG AA ✓ Pass

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

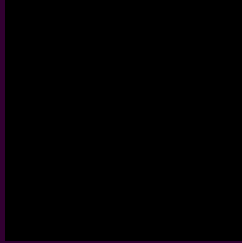
Any Text WCAG AA × Fail

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 320032 Background



This preview shows how black text looks on a background with the Hex color 320032.



This preview shows how white text looks on a background with the Hex color 320032.

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](#).

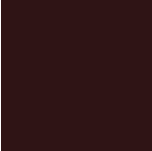
Dichromacy



Original Color
320032

Protanopia
001C3B

Deuteranopia
111D2F



Tritanopia
2F1415

Trichromacy



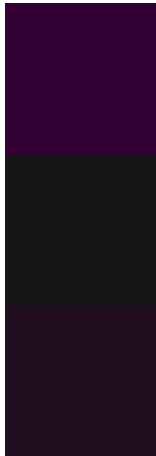
Original Color
320032

Protanomaly
121238

Deuteranomaly
1D1230

Tritanomaly
300D20

Monochromacy



Original Color
320032

Achromatopsia
151515

Achromatomaly
200D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 320032 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 #320032 looks like.

```
.text, #text, p{  
    color:#320032  
}
```

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 #320032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320032
}
```

Border

The CSS property to change the border of an element to Hex 320032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

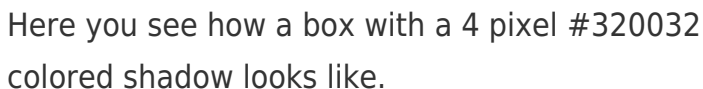
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#320032 }
```

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

```
.border{ border-color:#320032 }
```

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



Here you see how a box with a 4 pixel #320032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320032; -webkit-box-shadow:4px 4px  
4px 4px #320032; box-shadow:4px 4px 4px  
4px #320032 }
```

Background

The CSS property to change the background color of an element to Hex 320032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320032 }
```

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

```
.background{ background-color:#320032 }
```

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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