

Converting Colors

Hex(320019)

Have a look what the booklet for
Hex(320019) contains.

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Color

Hex(320019)

Conversions

Conversions Part 1

Format	Color
Hex	320019
RGB	50, 0, 25
RGB Percent	20%, 0%, 10%
CMY	0.8039, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.50, 0.80
HSL	330°, 100%, 10%
HSV	330°, 100%, 20%
XYZ	1.4909, 0.7483, 0.9856
YIQ	17.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

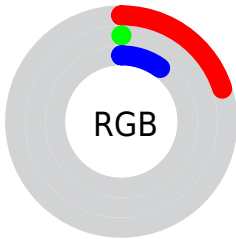
Format	Color
R _Y B	50, 0, 25
Decimal	3276825
CIE Lab	6.76, 27.06, -2.44
CIE LCh	7, 27.171, 354.846
Yxy	0.7483, 0.4623, 0.2321
Android (android.graphics.Color)	4281466905 (0xFF320019)
YUV	17.8000, 3.5496, 28.2394
Hunter-Lab	8.6504, 15.6254, -0.6998

Details

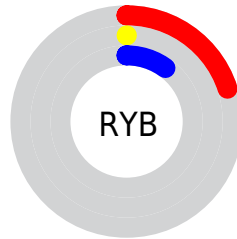
The Hex color **320019** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003219**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **632E44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320019**, and if you desaturate by 10%, it is **32051C**.

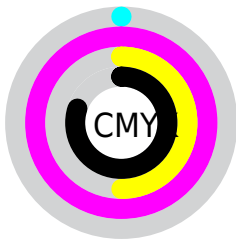
Distribution



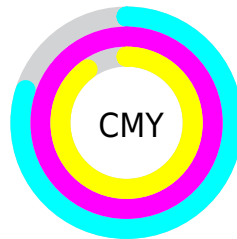
- Red (20%)
- Green (0%)
- Blue (10%)



- Red (20%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (80%)



- Cyan (80%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320019 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 320019 by changing the saturation by 10% instead.

 320019

 320019

 FFE3FB

 1A0001

 632E44

 000000

 7D455B

 985D74

 B3778D

 CF91A8

 ECACC3

 FFC7DF

 320019

■ 32051C

■ 320A1E

■ 320F21

■ 321423

■ 321926

■ 321E28

■ 32232B

■ 32282D

■ 322D30

Harmonies

Analogous

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



27072A



320019



340100

Triad

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



320019



081900



001D32

Complementary

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



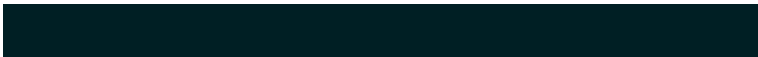
320019



003219

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.



001F24



320019



001D00

Square

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



320019



1F1300



001F10



001839

Rectangle

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



320019



2F0700



001F10



001E2E

Sweetspot

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



320019



402D36



190032



21151B



A1A1A1



212121

Same Dimension

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



320019



400020



320000



1A1718



59002D



D9006C

Inverse Universe

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



320019



400020



003232



1A1718



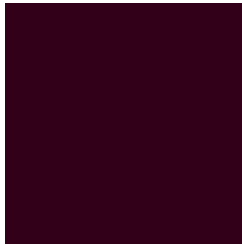
59002D



D9006C

Previews

White Background



This preview shows how the Hex color 320019 looks on a white background.

Color Contrast Check

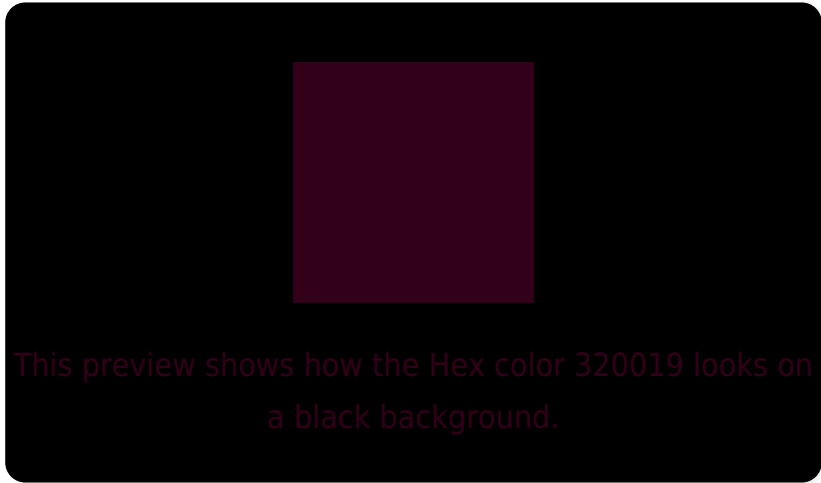
Large Text (above 18pt) WCAG AA ✓ Pass

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

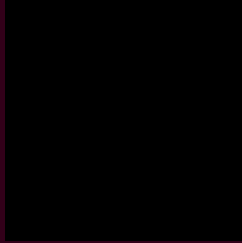
Any Text WCAG AA × Fail

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 320019 Background



This preview shows how black text looks on a background with the Hex color 320019.



This preview shows how white text looks on a background with the Hex color 320019.

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](#).

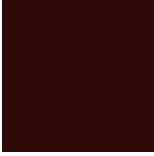
Dichromacy



Original Color
320019

Protanopia
171A24

Deuteranopia
1E1917



Tritanopia
310A0A

Trichromacy



Original Color
320019

Protanomaly
211120

Deuteranomaly
251018

Tritanomaly
31060F

Monochromacy



Original Color
320019

Achromatopsia
121212

Achromatomaly
1E0B15

CSS Examples

Text

The CSS property to change the color of the text to Hex 320019 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 #320019 looks like.

```
.text, #text, p{  
    color:#320019  
}
```

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 #320019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320019
}
```

Border

The CSS property to change the border of an element to Hex 320019 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
#320019 }
```

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

```
.border{ border-color:#320019 }
```

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

Here you see how a box with a 4 pixel #320019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320019; -webkit-box-shadow:4px 4px  
4px 4px #320019; box-shadow:4px 4px 4px  
4px #320019 }
```

Background

The CSS property to change the background color of an element to Hex 320019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320019 }
```

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

```
.background{ background-color:#320019 }
```

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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