

Converting Colors

Hex(321224)

Have a look what the booklet for
Hex(321224) contains.

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Color

Hex(321224)

Conversions

Conversions Part 1

Format	Color
Hex	321224
RGB	50, 18, 36
RGB Percent	20%, 7%, 14%
CMY	0.8039, 0.9294, 0.8588
CMYK	0.00, 0.64, 0.28, 0.80
HSL	326°, 47%, 13%
HSV	326°, 64%, 20%
XYZ	1.8501, 1.2381, 1.8105
YIQ	29.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

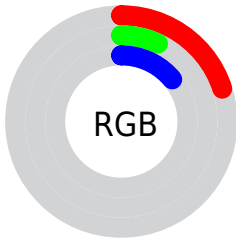
Format	Color
R_{YB}	50, 18, 36
Decimal	3281444
CIE Lab	10.84, 18.83, -4.78
CIE LCh	11, 19.428, 345.757
Yxy	1.2381, 0.3777, 0.2527
Android (android.graphics.Color)	4281471524 (0xFF321224)
YUV	29.6200, 3.1453, 17.8733
Hunter-Lab	11.1270, 10.2078, -1.8585

Details

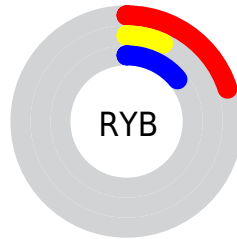
The Hex color **321224** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **123220**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **623E50**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320D22**, and if you desaturate by 10%, it is **321726**.

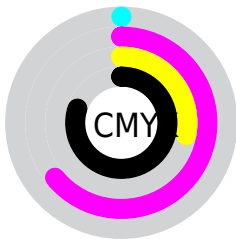
Distribution



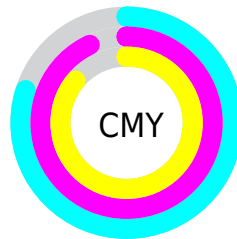
- Red (20%)
- Green (7%)
- Blue (14%)



- Red (20%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (64%)
- Yellow (28%)
- Black (80%)



- Cyan (80%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321224 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 321224 by changing the saturation by 10% instead.

 321224

 321224

 FFF5FF

 20000F

 623E50

 000000

 7B5569

 956E82

 B0879C

 CCA2B7

 E8BDD2

 FFD9EE

 321224

 321224

■ 320D22

■ 321726

■ 320820

■ 321C28

■ 32031D

■ 32212B

■ 32001C

■ 32262D

■ 322B2F

■ 323031

■ 323533

■ 323A36

■ 323F38

Harmonies

Analogous

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



271730



321224



351117

Triad

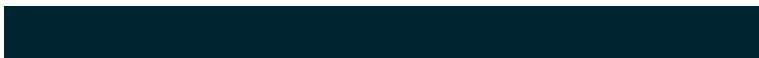
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



321224



201E00



002330

Complementary

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



321224



123220

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.



002424



321224



102206

Square

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



321224



2B1A00



002316



002037

Rectangle

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



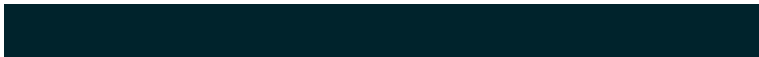
321224



34130D



002316



00232C

Sweetspot

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



321224



40343A



201232



211A1E



A1A1A1



212121

Same Dimension

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



321224



400F2A



321214



1A1718



590032



D9007A

Inverse Universe

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



321224



400F2A



123230



1A1718



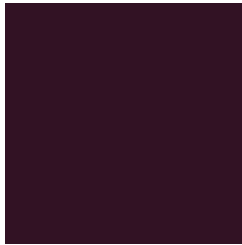
590032



D9007A

Previews

White Background



This preview shows how the Hex color 321224 looks on a white background.

Color Contrast Check

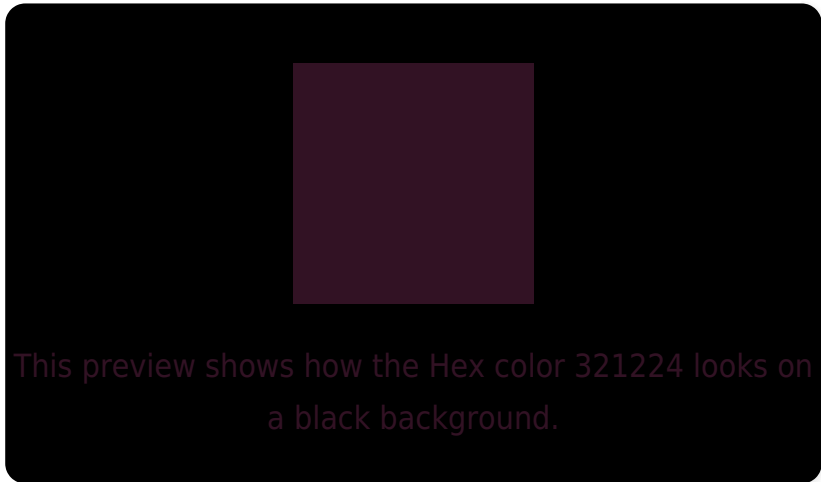
Large Text (above 18pt) WCAG AA ✓ Pass

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

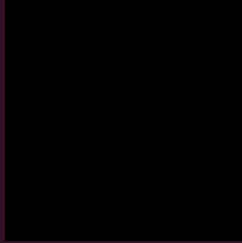
Any Text WCAG AA × Fail

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 321224 Background



This preview shows how black text looks on a background with the Hex color 321224.



This preview shows how white text looks on a background with the Hex color 321224.

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

321224

Protanopia

191E2C

Deuteranopia

1F1D22



Tritanopia
311517

Trichromacy



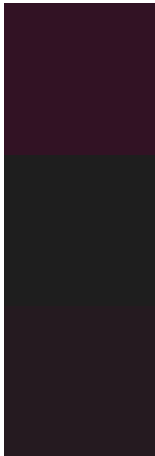
Original Color
321224

Protanomaly
221A29

Deuteranomaly
261923

Tritanomaly
31141C

Monochromacy



Original Color
321224

Achromatopsia
1E1E1E

Achromatomaly
251A20

CSS Examples

Text

The CSS property to change the color of the text to Hex 321224 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 #321224 looks like.

```
.text, #text, p{  
    color:#321224  
}
```

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 #321224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321224
}
```

Border

The CSS property to change the border of an element to Hex 321224 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".

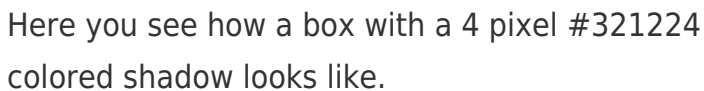
```
.border, #border, table{ border:4px solid
#321224 }
```

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

```
.border{ border-color:#321224 }
```

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

Here you see how a box with a 4 pixel #321224 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321224; -webkit-box-shadow:4px 4px  
4px 4px #321224; box-shadow:4px 4px 4px  
4px #321224 }
```

Background

The CSS property to change the background color of an element to Hex 321224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321224 }
```

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

```
.background{ background-color:#321224 }
```

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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