

# Converting Colors

Hex(321936)

Have a look what the booklet for  
Hex(321936) contains.

<b>Hex(321936)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(321936)**

# Conversions

## Conversions Part 1

Format	Color
Hex	321936
RGB	50, 25, 54
RGB Percent	20%, 10%, 21%
CMY	0.8039, 0.9020, 0.7882
CMYK	0.07, 0.54, 0.00, 0.79
HSL	292°, 37%, 15%
HSV	292°, 54%, 21%
XYZ	2.3289, 1.6397, 3.6838
YIQ	35.7810, 5.5910, 14.3190

# Conversions

## Conversions Part 2

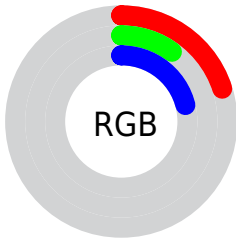
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 25, 54
Decimal	3283254
CIE <sub>Lab</sub>	13.47, 18.20, -13.88
CIE <sub>LCh</sub>	13, 22.885, 322.676
Yxy	1.6397, 0.3043, 0.2143
Android (android.graphics.Color)	4281473334 (0xFF321936)
YUV	35.7810, 8.9820, 12.4701
Hunter-Lab	12.8051, 10.0549, -8.0930

# Details

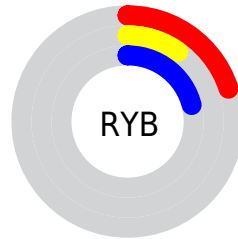
The Hex color **321936** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D3619**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **614565**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **311436**, and if you desaturate by 10%, it is **331E36**.

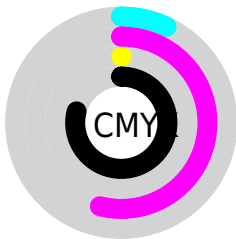
# Distribution



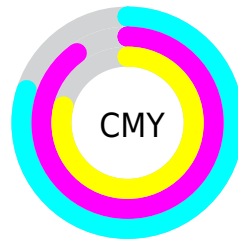
- Red (20%)
- Green (10%)
- Blue (21%)



- Red (20%)
- Yellow (10%)
- Blue (21%)



- Cyan (7%)
- Magenta (54%)
- Yellow (0%)
- Black (79%)



- Cyan (80%)
- Magenta (90%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 321936 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 321936 by changing the saturation by 10% instead.



■ 321936

■ 321936

FFFEFF

■ 1E0021

■ 614565

■ 000006

■ 7A5D7E

■ 000000

■ 947698

■ AF8FB3

■ CBAACE

■ E7C5EA

■ FFE1FF

■ 321936

■ 321936

■ 311436

■ 331E36

■ 310E36

■ 332436

■ 300936

■ 342936

■ 2F0336

■ 352F36

■ 2F0036

■ 363436

■ 363936

■ 373F36

■ 384436

■ 394A36

# Harmonies

## Analogous

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



1C2040



321936



3D1427

# Triad

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



321936



2F2000



002A2E

# Complementary

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



321936



1D3619

# 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.



002A1E



321936



202500

# Square

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



321936



3A1A05



0B280D



00293C

# Rectangle

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



321936



3F141C



0B280D



002A29



# Sweetspot

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



321936



463C47



191D36



231D24



A3A3A3



242424



# Same Dimension

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



321936



411A47



36192C



1C191C



4F005C



BD00DB



# Inverse Universe

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



36191D



471A20



193623



1C191A



5C000D



DB001E



# Previews

## White Background



This preview shows how the Hex color 321936 looks on a white background.

## Color Contrast Check

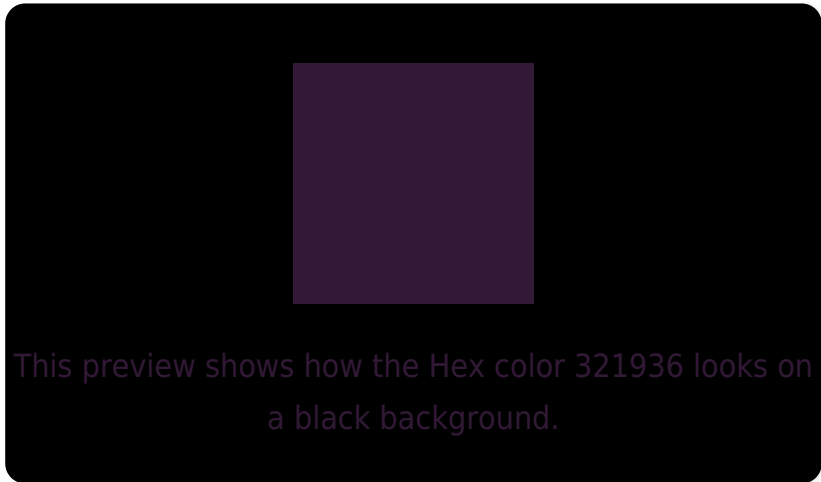
Large Text (above 18pt) WCAG AA ✓ Pass

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

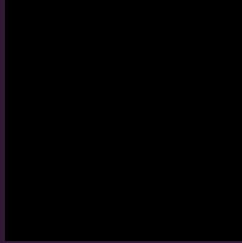
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 321936 Background



This preview shows how black text looks on a background with the Hex color 321936.



This preview shows how white text looks on a background with the Hex color 321936.

# 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**  
321936

**Protanopia**  
16223E

**Deuteranopia**  
1C2334



**Tritanopia**  
2F1E21

# Trichromacy



**Original Color**  
321936

**Protanomaly**  
201F3B

**Deuteranomaly**  
241F35

**Tritanomaly**  
301C29

# Monochromacy



**Original Color**  
321936

**Achromatopsia**  
242424

**Achromatomaly**  
29202B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 321936 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 #321936 looks like.

```
.text, #text, p{  
    color:#321936  
}
```

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 #321936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321936
}
```

## Border

The CSS property to change the border of an element to Hex 321936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

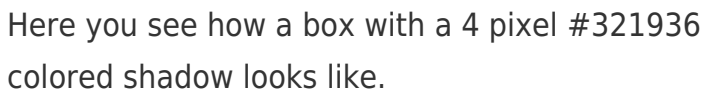
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#321936 }
```

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

```
.border{ border-color:#321936 }
```

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



Here you see how a box with a 4 pixel #321936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321936; -webkit-box-shadow:4px 4px  
4px 4px #321936; box-shadow:4px 4px 4px  
4px #321936 }
```

# Background

The CSS property to change the background color of an element to Hex 321936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321936 }
```

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

```
.background{ background-color:#321936 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor