

Converting Colors

Hex(321B40)

Have a look what the booklet for
Hex(321B40) contains.

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Color

Hex(321B40)

Conversions

Conversions Part 1

Format	Color
Hex	321B40
RGB	50, 27, 64
RGB Percent	20%, 11%, 25%
CMY	0.8039, 0.8941, 0.7490
CMYK	0.22, 0.58, 0.00, 0.75
HSL	277°, 41%, 18%
HSV	277°, 58%, 25%
XYZ	2.6327, 1.8321, 5.0654
YIQ	38.0950, 1.8310, 16.3830

Conversions

Conversions Part 2

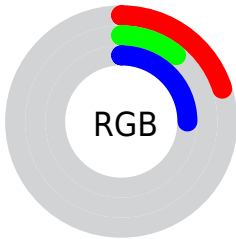
Format	Color
R_{YB}	50, 27, 64
Decimal	3283776
CIE _{Lab}	14.58, 19.47, -19.21
CIE _{LCh}	15, 27.350, 315.394
Yxy	1.8321, 0.2763, 0.1922
Android (android.graphics.Color)	4281473856 (0xFF321B40)
YUV	38.0950, 12.7712, 10.4407
Hunter-Lab	13.5357, 11.0315, -12.7128

Details

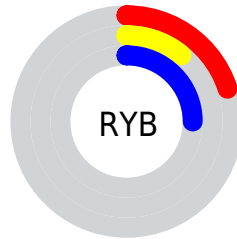
The Hex color **321B40** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29401B**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **624770**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **301540**, and if you desaturate by 10%, it is **342140**.

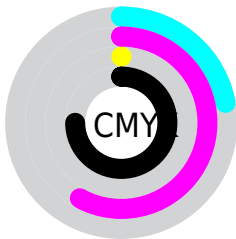
Distribution



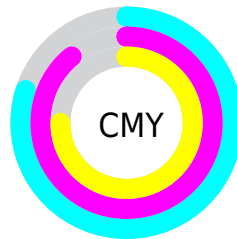
- Red (20%)
- Green (11%)
- Blue (25%)



- Red (20%)
- Yellow (11%)
- Blue (25%)



- Cyan (22%)
- Magenta (58%)
- Yellow (0%)
- Black (75%)



- Cyan (80%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321B40 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 321B40 by changing the saturation by 10% instead.

■ 321B40

■ 321B40

FFFFFF

■ 1D042A

■ 624770

■ 000115

■ 7B5F8A

■ 000000

■ 9578A4

■ B092BF

■ CBADDB

■ E8C8F8

■ FFE4FF

■ 321B40

■ 321B40

■ 301540

■ 342140

■ 2D0E40

■ 372840

■ 2B0840

■ 392E40

■ 280140

■ 3C3540

■ 280040

■ 3E3B40

■ 414140

■ 434840

■ 454E40

■ 485540

Harmonies

Analogous

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



0E244A



321B40



42132F

Triad

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



321B40



372000



002E2E

Complementary

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



321B40



29401B

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.



002D1A



321B40



262700

Square

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



321B40



421806



0F2B04



002D40

Rectangle

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



321B40



471122



0F2B04



002E28

Sweetspot

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



321B40



4F4654



1B2940



28232B



ABABAB



2B2B2B

Same Dimension

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



321B40



3E1A54



401B3C



201E21



3C0061



8B00E0

Inverse Universe

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



401B29



541A30



1B401F



211E1F



610025



E00055

Previews

White Background



This preview shows how the Hex color 321B40 looks on a white background.

Color Contrast Check

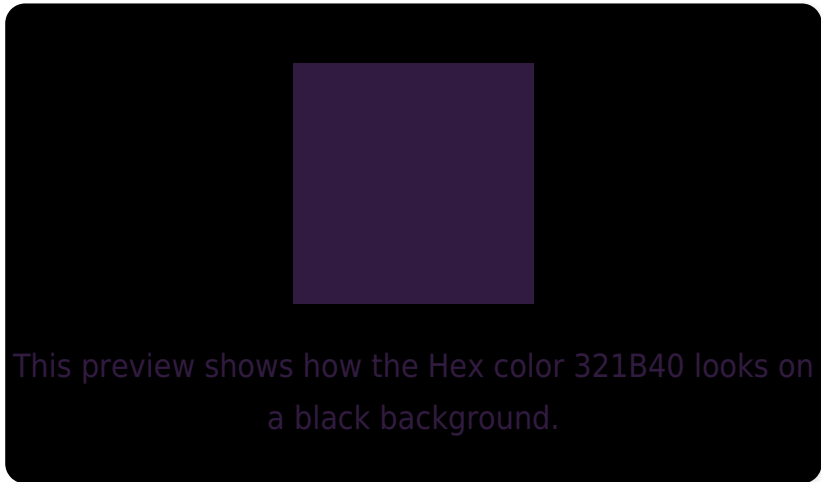
Large Text (above 18pt) WCAG AA ✓ Pass

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

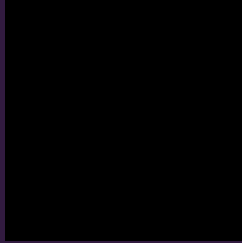
Any Text WCAG AA × Fail

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 321B40 Background



This preview shows how black text looks on a background with the Hex color 321B40.



This preview shows how white text looks on a background with the Hex color 321B40.

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
321B40

Protanopia
0F2449

Deuteranopia
15263E



Tritanopia
2E2225

Trichromacy



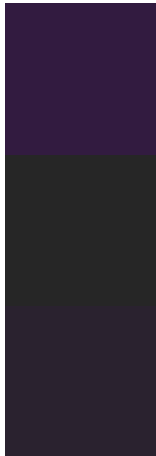
Original Color
321B40

Protanomaly
1C2146

Deuteranomaly
20223F

Tritanomaly
2F1F2F

Monochromacy



Original Color
321B40

Achromatopsia
262626

Achromatomaly
2A222F

CSS Examples

Text

The CSS property to change the color of the text to Hex 321B40 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 #321B40 looks like.

```
.text, #text, p{  
    color:#321B40  
}
```

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 #321B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321B40
}
```

Border

The CSS property to change the border of an element to Hex 321B40 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
#321B40 }
```

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

```
.border{ border-color:#321B40 }
```

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

Here you see how a box with a 4 pixel #321B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321B40; -webkit-box-shadow:4px 4px  
4px 4px #321B40; box-shadow:4px 4px 4px  
4px #321B40 }
```

Background

The CSS property to change the background color of an element to Hex 321B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321B40 }
```

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

```
.background{ background-color:#321B40 }
```

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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