

Converting Colors

Hex(320A24)

Have a look what the booklet for
Hex(320A24) contains.

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Color

Hex(320A24)

Conversions

Conversions Part 1

Format	Color
Hex	320A24
RGB	50, 10, 36
RGB Percent	20%, 4%, 14%
CMY	0.8039, 0.9608, 0.8588
CMYK	0.00, 0.80, 0.28, 0.80
HSL	321°, 67%, 12%
HSV	321°, 80%, 20%
XYZ	1.7424, 1.0226, 1.7746
YIQ	24.9240, 15.4940, 16.5660

Conversions

Conversions Part 2

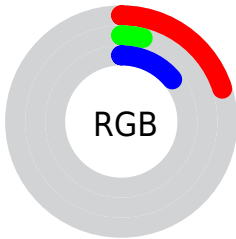
Format	Color
R_{YB}	50, 10, 36
Decimal	3279396
CIE Lab	9.18, 23.31, -7.30
CIE LCh	9, 24.427, 342.617
Yxy	1.0226, 0.3838, 0.2253
Android (android.graphics.Color)	4281469476 (0xFF320A24)
YUV	24.9240, 5.4605, 21.9917
Hunter-Lab	10.1122, 13.0599, -3.3264




Details

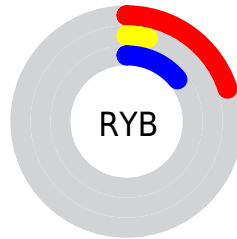
The Hex color **320A24** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0A3218**, and the grayscale version is **191919**.




A 20% lighter version of the original color is **623751**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320522**, and if you desaturate by 10%, it is **320F26**.

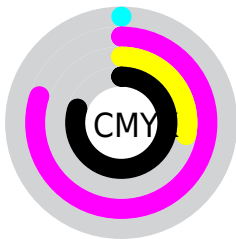
Distribution







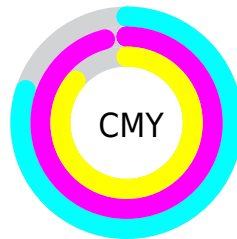
-  Red (20%)
-  Green (4%)
-  Blue (14%)






-  Red (20%)
-  Yellow (4%)
-  Blue (14%)



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



-  Cyan (80%)
-  Magenta (96%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320A24 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 320A24 by changing the saturation by 10% instead.

 320A24

 320A24

 FFEEFF

 1F000F

 623751

 000000

 7C4E69

 966782

 B1809C

 CD9AB7

 E9B5D2

 FFD1EF

 320A24

 320A24

■ 320522

■ 320F26

■ 320020

■ 321427

■ 321929

■ 321E2B

■ 32232D

■ 32282F

■ 322D30

■ 323232

■ 323734

Harmonies

Analogous

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



231232



320A24



370813

Triad

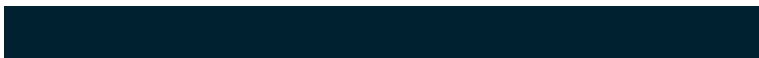
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



320A24



1C1B00



002130

Complementary

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



320A24



0A3218

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.



002220



320A24



081F00

Square

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



320A24



291500



00210E



001E39

Rectangle

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



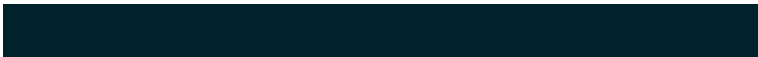
320A24



360B03



00210E



00222B

Sweetspot

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



320A24



40303A



180A32



21181E



A1A1A1



212121

Same Dimension

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



320A24



40032A



320A10



1A1719



59003A



D9008D

Inverse Universe

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



320A24



40032A



0A322C



1A1719



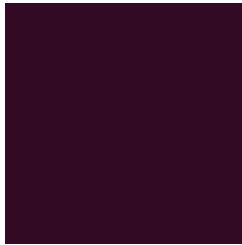
59003A



D9008D

Previews

White Background



This preview shows how the Hex color 320A24 looks on a white background.

Color Contrast Check

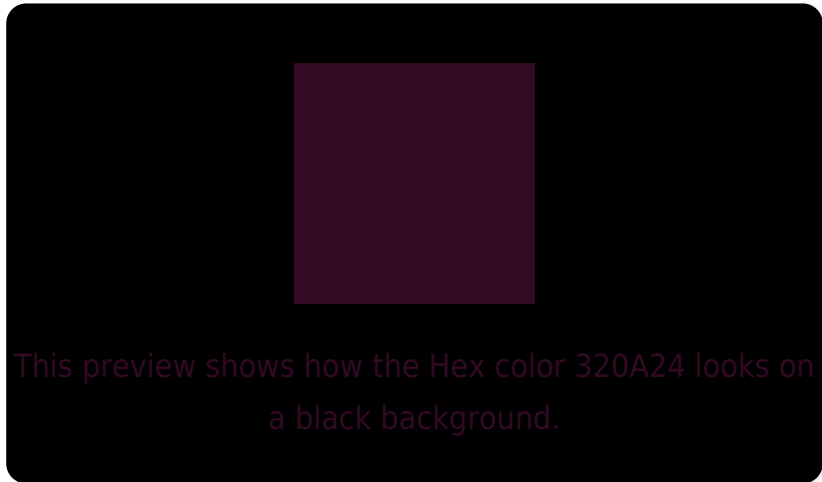
Large Text (above 18pt) WCAG AA ✓ Pass

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

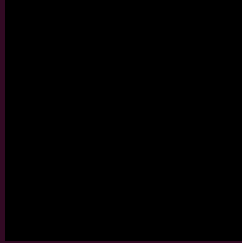
Any Text WCAG AA × Fail

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 320A24 Background



This preview shows how black text looks on a background with the Hex color 320A24.



This preview shows how white text looks on a background with the Hex color 320A24.

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

320A24

Protanopia

121B31

Deuteranopia

1C1B22



Tritanopia
311011

Trichromacy



Original Color
320A24

Protanomaly
1E152C

Deuteranomaly
241523

Tritanomaly
310E18

Monochromacy



Original Color
320A24

Achromatopsia
191919

Achromatomaly
22141D

CSS Examples

Text

The CSS property to change the color of the text to Hex 320A24 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 #320A24 looks like.

```
.text, #text, p{  
    color:#320A24  
}
```

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 #320A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320A24
}
```

Border

The CSS property to change the border of an element to Hex 320A24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

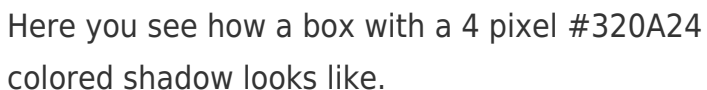
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#320A24 }
```

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

```
.border{ border-color:#320A24 }
```

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



Here you see how a box with a 4 pixel #320A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320A24; -webkit-box-shadow:4px 4px  
4px 4px #320A24; box-shadow:4px 4px 4px  
4px #320A24 }
```

Background

The CSS property to change the background color of an element to Hex 320A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320A24 }
```

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

```
.background{ background-color:#320A24 }
```

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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