

Converting Colors

Hex(320B12)

Have a look what the booklet for
Hex(320B12) contains.

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Color

Hex(320B12)

Conversions

Conversions Part 1

Format	Color
Hex	320B12
RGB	50, 11, 18
RGB Percent	20%, 4%, 7%
CMY	0.8039, 0.9569, 0.9294
CMYK	0.00, 0.78, 0.64, 0.80
HSL	349°, 64%, 12%
HSV	349°, 78%, 20%
XYZ	1.5442, 0.9611, 0.6764
YIQ	23.4590, 20.9970, 10.4450

Conversions

Conversions Part 2

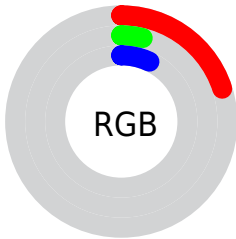
Format	Color
R_{YB}	50, 11, 18
Decimal	3279634
CIE Lab	8.66, 20.33, 5.26
CIE LCh	9, 21.000, 14.511
Yxy	0.9611, 0.4853, 0.3021
Android (android.graphics.Color)	4281469714 (0xFF320B12)
YUV	23.4590, -2.6913, 23.2765
Hunter-Lab	9.8037, 10.9602, 2.7720

Details

The Hex color **320B12** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B322B**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **63373C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **32060E**, and if you desaturate by 10%, it is **321016**.

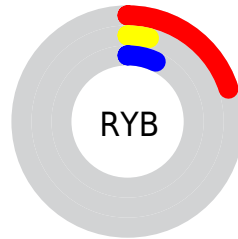
Distribution



Red (20%)

Green (4%)

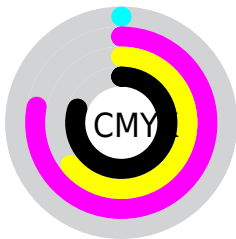
Blue (7%)



Red (20%)

Yellow (4%)

Blue (7%)

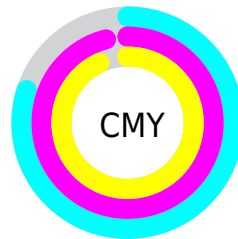


Cyan (0%)

Magenta (78%)

Yellow (64%)

Black (80%)



Cyan (80%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320B12 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 320B12 by changing the saturation by 10% instead.

 320B12

 320B12

 FFEDF2

 1C0001

 63373C

 000000

 7D4E53

 97676B

 B38085

 CF9A9F

 EBB5BA

 FFD1D5

 320B12

 320B12

■ 32060E

■ 321016

■ 32010A

■ 32151A

■ 320009

■ 321A1E

■ 321F22

■ 322427

■ 32292B

■ 322E2F

■ 323333

■ 323837

Harmonies

Analogous

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



2E0C21



320B12



300F00

Triad

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



320B12



0A1E00



001C34

Complementary

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



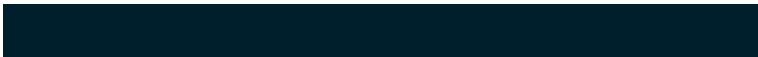
320B12



0B322B

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.



001F2C



320B12



002010

Square

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



320B12



1A1A00



00201F



091834

Rectangle

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



320B12



2A1300



00201F



001E32

Sweetspot

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



320B12



403134



2B0B32



21181A



A1A1A1



212121

Same Dimension

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



320B12



40040F



32170B



1A1717



590010



D90027

Inverse Universe

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



320B12



40040F



0B2632



1A1717



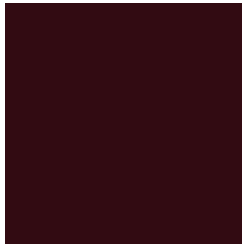
590010



D90027

Previews

White Background



This preview shows how the Hex color 320B12 looks on a white background.

Color Contrast Check

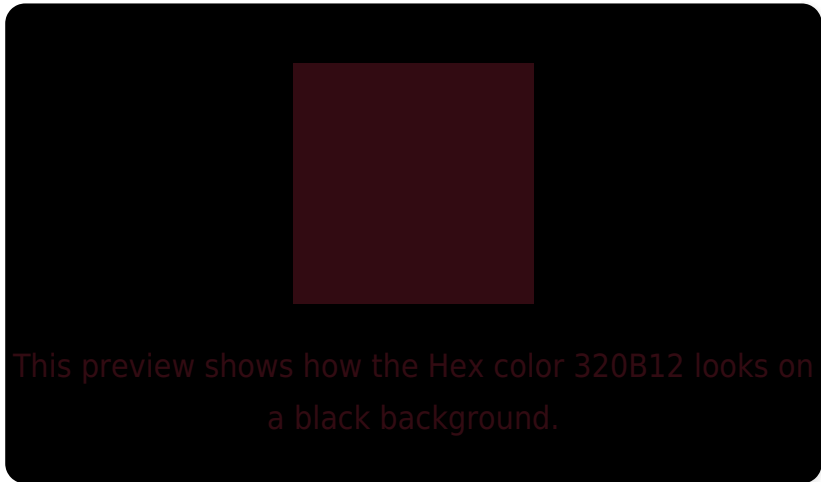
Large Text (above 18pt) WCAG AA ✓ Pass

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

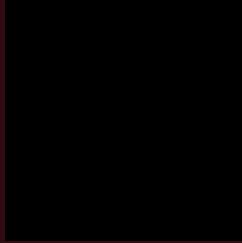
Any Text WCAG AA × Fail

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 320B12 Background



This preview shows how black text looks on a background with the Hex color 320B12.

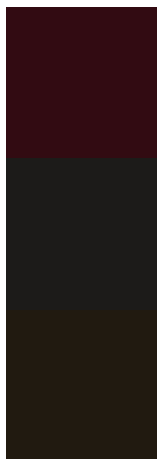


This preview shows how white text looks on a background with the Hex color 320B12.

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
320B12

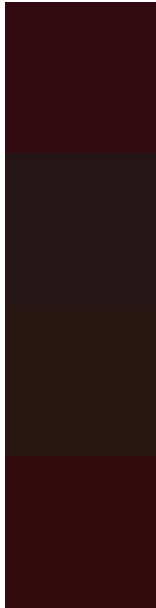
Protanopia
1C1B19

Deuteranopia
211A10



Tritanopia
320C0D

Trichromacy



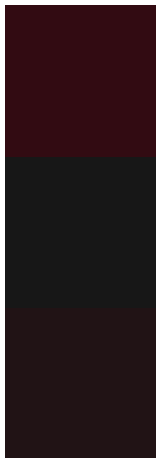
Original Color
320B12

Protanomaly
241516

Deuteranomaly
271511

Tritanomaly
320C0F

Monochromacy



Original Color
320B12

Achromatopsia
171717

Achromatomaly
211315

CSS Examples

Text

The CSS property to change the color of the text to Hex 320B12 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 #320B12 looks like.

```
.text, #text, p{  
    color:#320B12  
}
```

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 #320B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320B12
}
```

Border

The CSS property to change the border of an element to Hex 320B12 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".

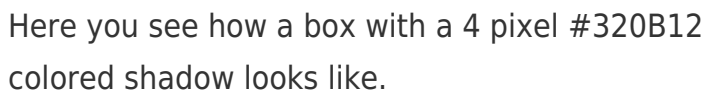
```
.border, #border, table{ border:4px solid
#320B12 }
```

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

```
.border{ border-color:#320B12 }
```

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

Here you see how a box with a 4 pixel #320B12 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue shadow that extends to the right and down, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320B12; -webkit-box-shadow:4px 4px  
4px 4px #320B12; box-shadow:4px 4px 4px  
4px #320B12 }
```

Background

The CSS property to change the background color of an element to Hex 320B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320B12 }
```

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

```
.background{ background-color:#320B12 }
```

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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