

Converting Colors

Hex(320F07)

Have a look what the booklet for
Hex(320F07) contains.

Hex(320F07)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(320F07)

Conversions

Conversions Part 1

Format	Color
Hex	320F07
RGB	50, 15, 7
RGB Percent	20%, 6%, 3%
CMY	0.8039, 0.9412, 0.9725
CMYK	0.00, 0.70, 0.86, 0.80
HSL	11°, 75%, 11%
HSV	11°, 86%, 20%
XYZ	1.5246, 1.0351, 0.3205
YIQ	24.5530, 23.4280, 4.9320

Conversions

Conversions Part 2

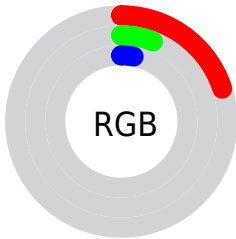
Format	Color
RYB	50, 17, 7
Decimal	3280647
CIELab	9.28, 17.13, 11.42
CIELCh	9, 20.586, 33.684
Yxy	1.0351, 0.5293, 0.3594
Android (android.graphics.Color)	4281470727 (0xFF320F07)
YUV	24.5530, -8.6536, 22.3170
Hunter-Lab	10.1740, 8.9437, 5.2543

Details

The Hex color **320F07** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **072A32**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **633A34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320B02**, and if you desaturate by 10%, it is **32130C**.

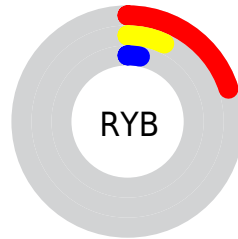
Distribution



Red (20%)

Green (6%)

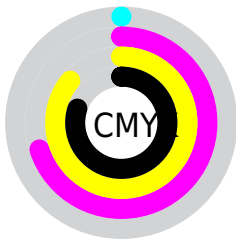
Blue (3%)



Red (20%)

Yellow (7%)

Blue (3%)

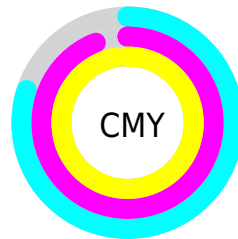


Cyan (0%)

Magenta (70%)

Yellow (86%)

Black (80%)



Cyan (80%)

Magenta (94%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320F07 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 320F07 by changing the saturation by 10% instead.

 320F07

 320F07

 FFF1E8

 1B0001

 633A34

 000000

 7D524B

 976A63

 B3837B

 CF9E95

 ECB9B0

 FFD4CB

 320F07

 320F07

■ 320B02

■ 32130C

■ 320900

■ 321711

■ 321B16

■ 321F1B

■ 322320

■ 322725

■ 322B2A

■ 32302F

■ 323434

Harmonies

Analogous

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



320C19



320F07



2C1500

Triad

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



320F07



00200B



001B36

Complementary

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



320F07



072A32

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.



001F33



320F07



00211B

Square

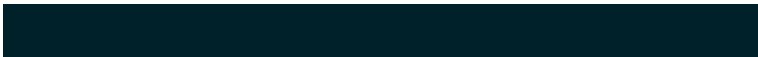
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



320F07



131E00



002129



1C1631

Rectangle

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



320F07



241800



002129



001D35

Sweetspot

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



320F07



40322F



32072A



211917



A1A1A1



212121

Same Dimension

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



320F07



400C00



322407



1A1717



591100



D92800

Inverse Universe

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



072A32



003440



071532



17191A



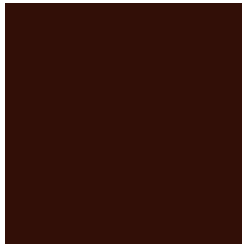
004959



00B0D9

Previews

White Background



This preview shows how the Hex color 320F07 looks on a white background.

Color Contrast Check

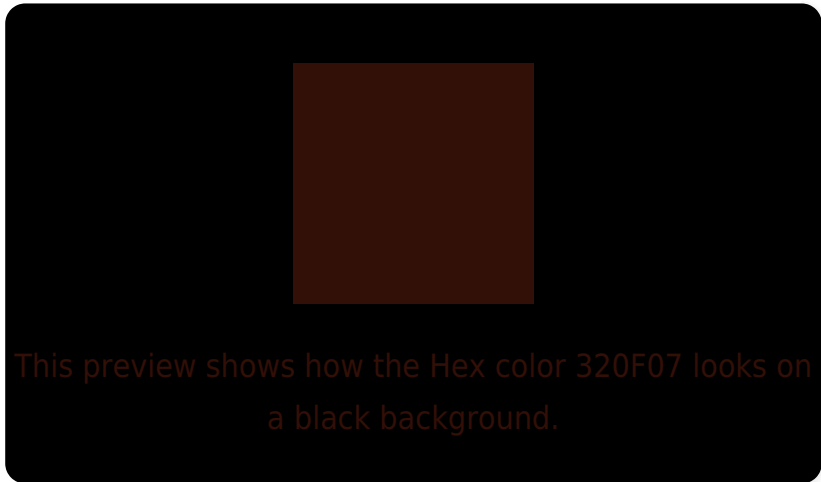
Large Text (above 18pt) WCAG AA ✓ Pass

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

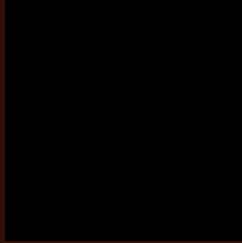
Any Text WCAG AA × Fail

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 320F07 Background



This preview shows how black text looks on a background with the Hex color 320F07.

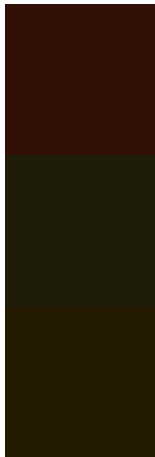


This preview shows how white text looks on a background with the Hex color 320F07.

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](#).

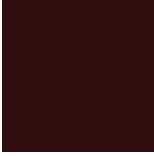
Dichromacy



Original Color
320F07

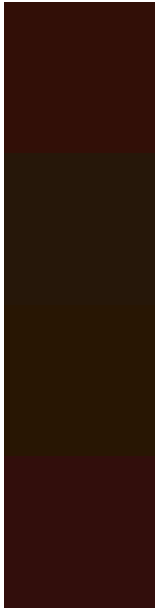
Protanopia
1F1C0A

Deuteranopia
231A00



Tritanopia
320E0F

Trichromacy



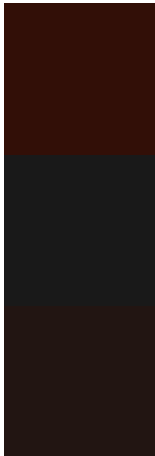
Original Color
320F07

Protanomaly
261709

Deuteranomaly
281603

Tritanomaly
320E0C

Monochromacy



Original Color
320F07

Achromatopsia
191919

Achromatomaly
221512

CSS Examples

Text

The CSS property to change the color of the text to Hex 320F07 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 #320F07 looks like.

```
.text, #text, p{  
  color:#320F07  
}
```

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 #320F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320F07
}
```

Border

The CSS property to change the border of an element to Hex 320F07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

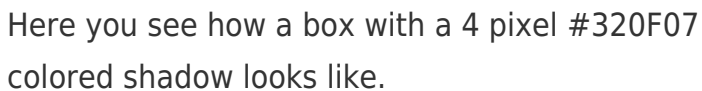
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#320F07 }
```

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

```
.border{ border-color:#320F07 }
```

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



Here you see how a box with a 4 pixel #320F07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320F07; -webkit-box-shadow:4px 4px  
4px 4px #320F07; box-shadow:4px 4px 4px  
4px #320F07 }
```

Background

The CSS property to change the background color of an element to Hex 320F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320F07 }
```

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

```
.background{ background-color:#320F07 }
```

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