

Converting Colors

Hex(320070)

Have a look what the booklet for
Hex(320070) contains.

Hex(320070)	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(320070)

Conversions

Conversions Part 1

Format	Color
Hex	320070
RGB	50, 0, 112
RGB Percent	20%, 0%, 44%
CMY	0.8039, 1.0000, 0.5608
CMYK	0.55, 1.00, 0.00, 0.56
HSL	267°, 100%, 22%
HSV	267°, 100%, 44%
XYZ	4.2400, 1.8480, 15.4625
YIQ	27.7180, -6.1520, 45.4320

Conversions

Conversions Part 2

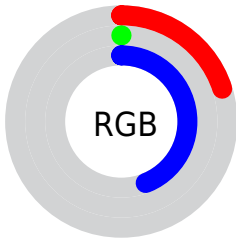
Format	Color
R_{YB}	50, 0, 112
Decimal	3276912
CIE _{Lab}	14.67, 45.14, -51.47
CIE _{LCh}	15, 68.458, 311.251
Yxy	1.8480, 0.1967, 0.0858
Android (android.graphics.Color)	4281466992 (0xFF320070)
YUV	27.7180, 41.5510, 19.5413
Hunter-Lab	13.5940, 31.8855, -57.9236

Details

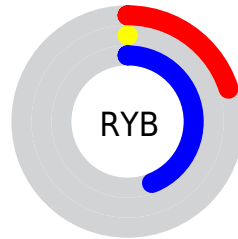
The Hex color **320070** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3E7000**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6936A5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **320070**, and if you desaturate by 10%, it is **380B70**.

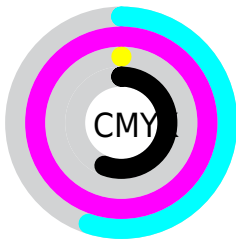
Distribution



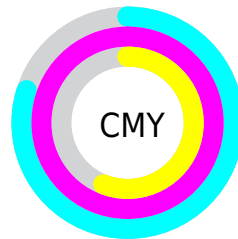
- Red (20%)
- Green (0%)
- Blue (44%)



- Red (20%)
- Yellow (0%)
- Blue (44%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (80%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320070 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 320070 by changing the saturation by 10% instead.

 320070

 320070

 FFF1FF

 140057

 6936A5

 00003F

 844FC0

 000328

 A068DD

 000111

 BD82FA

 000000

 DA9DFF

 F7B8FF

 FFD4FF

 320070

■ 380B70

■ 3E1670

■ 452270

■ 4B2D70

■ 513870

■ 574370

■ 5D4E70

■ 645A70

■ 6A6570

Harmonies

Analogous

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



002988



320070



660045

Triad

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



320070



461500



003637

Complementary

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



320070



3E7000

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.



003400



320070



1E2900

Square

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



320070



630000



003100



003666

Rectangle

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



320070



700026



003100



003526

Sweetspot

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



320070



796691



003F70



3B2F4A



C9C9C9



4A4A4A

Same Dimension

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



320070



410091



690070



353238



360078



6E00F7

Inverse Universe

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



70003E



910050



077000



383236



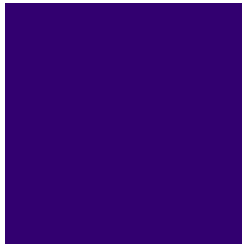
780042



F70089

Previews

White Background



This preview shows how the Hex color 320070 looks on a white background.

Color Contrast Check

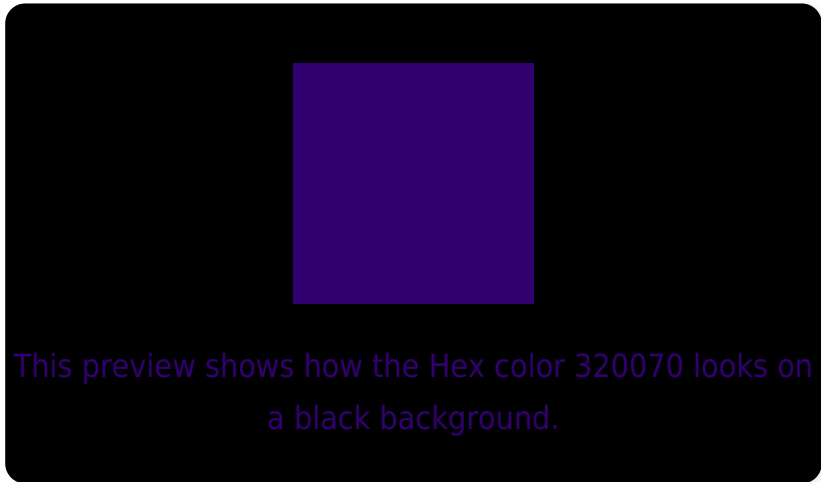
Large Text (above 18pt) WCAG AA ✓ Pass

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

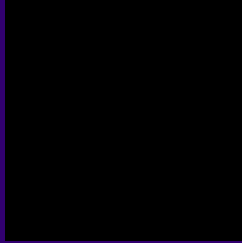
Any Text WCAG AA × Fail

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 320070 Background



This preview shows how black text looks on a background with the Hex color 320070.



This preview shows how white text looks on a background with the Hex color 320070.

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
320070

Protanopia
002853

Deuteranopia
002A47



Tritanopia
1B2C2F

Trichromacy



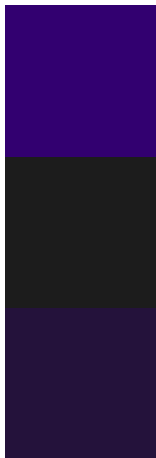
Original Color
320070

Protanomaly
12195E

Deuteranomaly
121B56

Tritanomaly
231C47

Monochromacy



Original Color
320070

Achromatopsia
1C1C1C

Achromatomaly
24123B

CSS Examples

Text

The CSS property to change the color of the text to Hex 320070 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 #320070 looks like.

```
.text, #text, p{  
    color:#320070  
}
```

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 #320070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320070
}
```

Border

The CSS property to change the border of an element to Hex 320070 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
#320070 }
```

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

```
.border{ border-color:#320070 }
```

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

Here you see how a box with a 4 pixel #320070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320070; -webkit-box-shadow:4px 4px  
4px 4px #320070; box-shadow:4px 4px 4px  
4px #320070 }
```

Background

The CSS property to change the background color of an element to Hex 320070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320070 }
```

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

```
.background{ background-color:#320070 }
```

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