

# Converting Colors

Hex(320263)

Have a look what the booklet for  
Hex(320263) contains.

<b>Hex(320263)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(320263)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	320263
RGB	50, 2, 99
RGB Percent	20%, 1%, 39%
CMY	0.8039, 0.9922, 0.6118
CMYK	0.49, 0.98, 0.00, 0.61
HSL	270°, 96%, 20%
HSV	270°, 98%, 39%
XYZ	3.5892, 1.6224, 11.9284
YIQ	27.4100, -2.5290, 40.3430

# Conversions

## Conversions Part 2

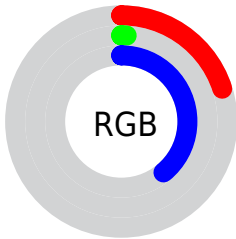
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 2, 99
Decimal	3277411
CIE <sub>Lab</sub>	13.37, 41.17, -45.07
CIE <sub>LCh</sub>	13, 61.042, 312.413
Yxy	1.6224, 0.2094, 0.0947
Android (android.graphics.Color)	4281467491 (0xFF320263)
YUV	27.4100, 35.2939, 19.8114
Hunter-Lab	12.7373, 28.0093, -46.6086

# Details

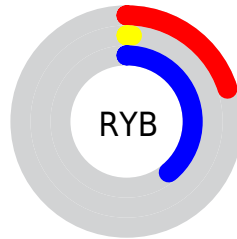
The Hex color **320263** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **336302**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **673697**, and **000033** is the 20% darker color. If you saturate the color by 10%, you get **310063**, and if you desaturate by 10%, it is **370C63**.

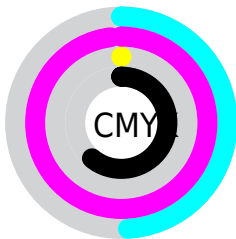
# Distribution



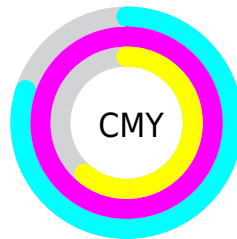
- Red (20%)
- Green (1%)
- Blue (39%)



- Red (20%)
- Yellow (1%)
- Blue (39%)



- Cyan (49%)
- Magenta (98%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (99%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 320263 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 320263 by changing the saturation by 10% instead.



 320263

 320263

 FFF0FF

 18004B

 673697

 000033

 824EB2

 00021D

 9D67CE

 000000

 B981EA

 D69CFF

 F3B7FF

 FFD3FF

 320263

 320263

■ 310063

■ 370C63

■ 3C1663

■ 412063

■ 462A63

■ 4B3463

■ 503D63

■ 554763

■ 5A5163

■ 5F5B63

# Harmonies

## Analogous

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



002479



320263



5C003D

# Triad

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



320263



3F1600



003234

# Complementary

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



320263



336302

# 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.



003100



320263



1B2600

# Square

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



320263



590000



002D00



00325C

# Rectangle

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



320263



650021



002D00



003125



# Sweetspot

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



320263



6D5B80



023463



342940



BFBFBF



404040



# Same Dimension

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



320263



3F0080



610263



2E2C30



380070



7700F0



# Inverse Universe

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



630233



800040



046302



302C2E



700039

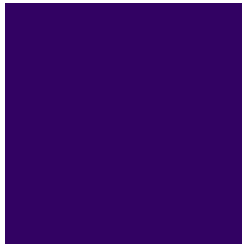


F00079



# Previews

## White Background



This preview shows how the Hex color 320263 looks on a white background.

## Color Contrast Check

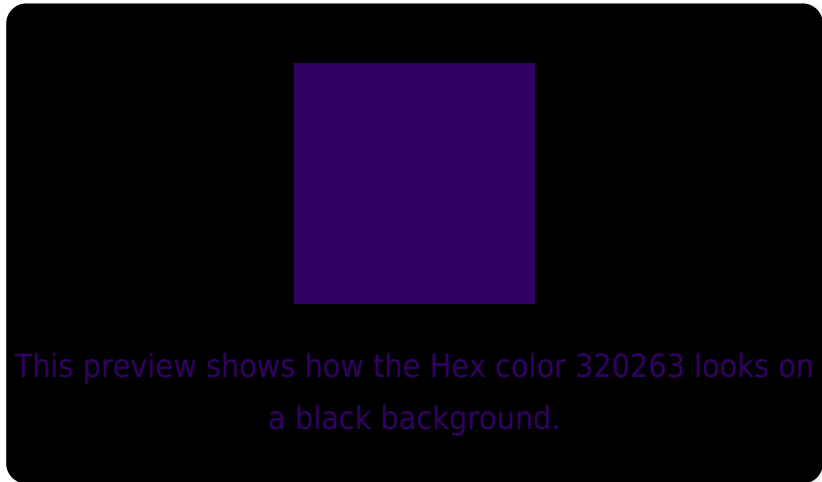
Large Text (above 18pt) WCAG AA ✓ Pass

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

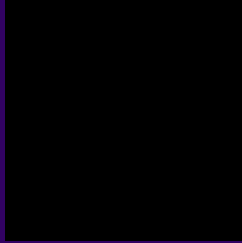
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 320263 Background



This preview shows how black text looks on a background with the Hex color 320263.



This preview shows how white text looks on a background with the Hex color 320263.

# 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](#).

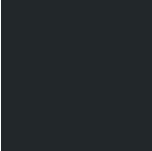
## Dichromacy



**Original Color**  
320263

**Protanopia**  
00254D

**Deuteranopia**  
002742



**Tritanopia**  
22272A

# Trichromacy



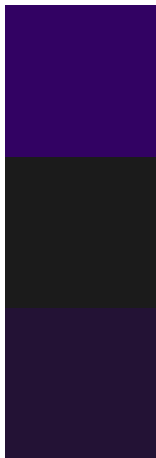
**Original Color**  
320263

**Protanomaly**  
121855

**Deuteranomaly**  
121A4E

**Tritanomaly**  
281A3F

# Monochromacy



**Original Color**  
320263

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
231235

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 320263 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 #320263 looks like.

```
.text, #text, p{  
    color:#320263  
}
```

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 #320263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320263
}
```

## Border

The CSS property to change the border of an element to Hex 320263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

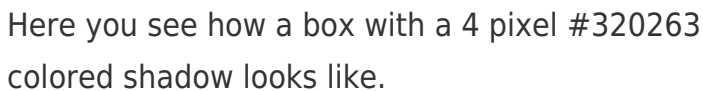
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#320263 }
```

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

```
.border{ border-color:#320263 }
```

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



Here you see how a box with a 4 pixel #320263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320263; -webkit-box-shadow:4px 4px  
4px 4px #320263; box-shadow:4px 4px 4px  
4px #320263 }
```

# Background

The CSS property to change the background color of an element to Hex 320263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320263 }
```

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

```
.background{ background-color:#320263 }
```

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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