

Converting Colors

Hex(320065)

Have a look what the booklet for
Hex(320065) contains.

| | |
|--|----|
| Hex(320065) | 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> | 28 |

Color

Hex(320065)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 320065 |
| RGB | 50, 0, 101 |
| RGB Percent | 20%, 0%, 40% |
| CMY | 0.8039, 1.0000, 0.6039 |
| CMYK | 0.50, 1.00, 0.00, 0.60 |
| HSL | 270°, 100%, 20% |
| HSV | 270°, 100%, 40% |
| XYZ | 3.6644, 1.6177, 12.4310 |
| YIQ | 26.4640, -2.6210, 42.0110 |

Conversions

Conversions Part 2

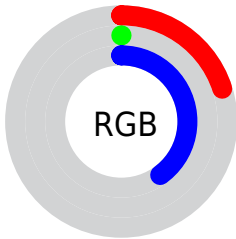
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 50, 0, 101 |
| Decimal | 3276901 |
| CIE Lab | 13.34, 42.46, -46.44 |
| CIE LCh | 13, 62.923, 312.432 |
| Yxy | 1.6177, 0.2069, 0.0913 |
| Android (android.graphics.Color) | 4281466981 (0xFF320065) |
| YUV | 26.4640, 36.7462, 20.6411 |
| Hunter-Lab | 12.7189, 29.1686, -49.0450 |

Details

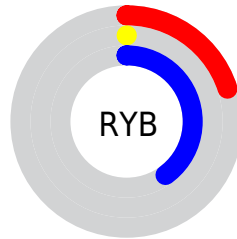
The Hex color **320065** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **336500**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **673499**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **320065**, and if you desaturate by 10%, it is **370A65**.

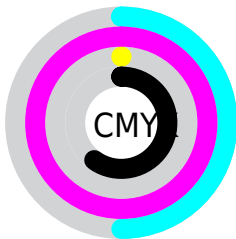
Distribution



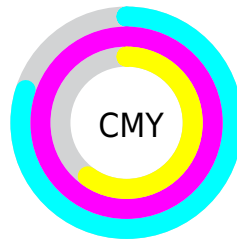
- Red (20%)
- Green (0%)
- Blue (40%)



- Red (20%)
- Yellow (0%)
- Blue (40%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 320065 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 320065 by changing the saturation by 10% instead.

 320065

 320065

 FFEFFF

 18004C

 673499

 000035

 824DB4

 00021F

 9E66D0

 000001

 BA80ED

 000000

 D79BFF

 F4B6FF

 FFD2FF

 320065

■ 370A65

■ 3C1465

■ 411E65

■ 462865

■ 4B3365

■ 513D65

■ 564765

■ 5B5165

■ 605B65

Harmonies

Analogous

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



00257C



320065



5E003E

Triad

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



320065



401500



003234

Complementary

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



320065



336500

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



320065



1A2600

Square

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



320065



5A0000



002E00



00325E

Rectangle

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



320065



670021



002E00



003125

Sweetspot

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



320065



6E5B82



003465



362A42



C2C2C2



424242

Same Dimension

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



320065



400082



630065



302E33



390073



7800F2

Inverse Universe

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



650033



820042



026500



332E30



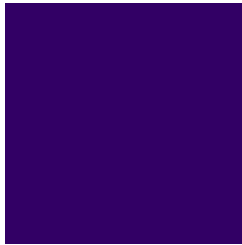
73003A



F2007A

Previews

White Background



This preview shows how the Hex color 320065 looks on a white background.

Color Contrast Check

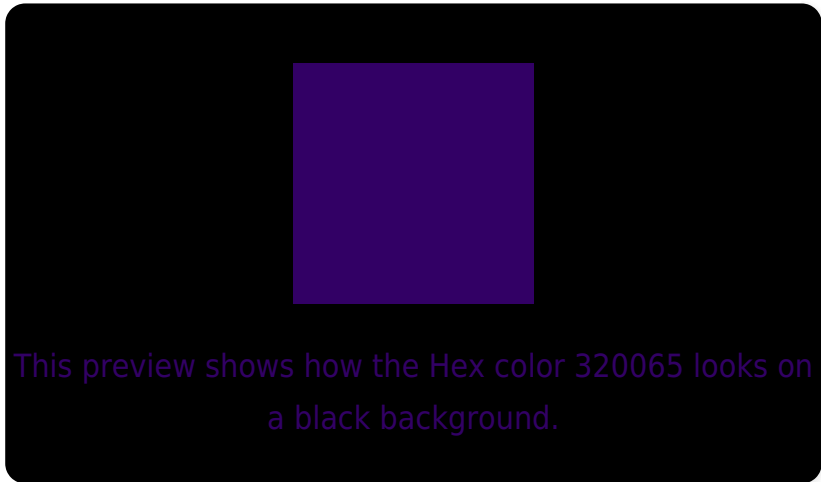
Large Text (above 18pt) WCAG AA ✓ Pass

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

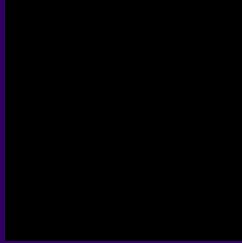
Any Text WCAG AA × Fail

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 320065 Background



This preview shows how black text looks on a background with the Hex color 320065.



This preview shows how white text looks on a background with the Hex color 320065.

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
320065

Protanopia
00254E

Tritanopia
21272A

Trichromacy

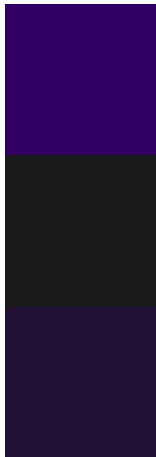


Original Color
320065

Protanomaly
121856

Tritanomaly
27193F

Monochromacy



Original Color
320065

Achromatopsia
1A1A1A

Achromatomaly
231135

CSS Examples

Text

The CSS property to change the color of the text to Hex 320065 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 #320065 looks like.

```
.text, #text, p{  
    color:#320065  
}
```

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 #320065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #320065
}
```

Border

The CSS property to change the border of an element to Hex 320065 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
#320065 }
```

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

```
.border{ border-color:#320065 }
```

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

Here you see how a box with a 4 pixel #320065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #320065; -webkit-box-shadow:4px 4px  
4px 4px #320065; box-shadow:4px 4px 4px  
4px #320065 }
```

Background

The CSS property to change the background color of an element to Hex 320065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#320065 }
```

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

```
.background{ background-color:#320065 }
```

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