

Converting Colors

Hex(3D004A)

Have a look what the booklet for
Hex(3D004A) contains.

Hex(3D004A)	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(3D004A)

Conversions

Conversions Part 1

Format	Color
Hex	3D004A
RGB	61, 0, 74
RGB Percent	24%, 0%, 29%
CMY	0.7608, 1.0000, 0.7098
CMYK	0.18, 1.00, 0.00, 0.71
HSL	289°, 100%, 15%
HSV	289°, 100%, 29%
XYZ	3.1605, 1.4865, 6.5989
YIQ	26.6750, 12.6020, 35.9460

Conversions

Conversions Part 2

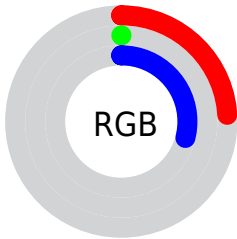
Format	Color
RYB	61, 0, 74
Decimal	3997770
CIELab	12.52, 37.84, -29.38
CIElCh	13, 47.912, 322.172
Yxy	1.4865, 0.2810, 0.1322
Android (android.graphics.Color)	4282187850 (0xFF3D004A)
YUV	26.6750, 23.3312, 30.1030
Hunter-Lab	12.1923, 24.9346, -23.5554

Details

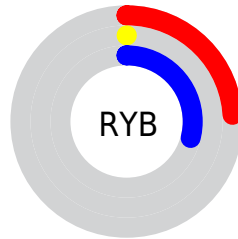
The Hex color **3D004A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0D4A00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **70347B**, and **00001D** is the 20% darker color. If you saturate the color by 10%, you get **3D004A**, and if you desaturate by 10%, it is **3E074A**.

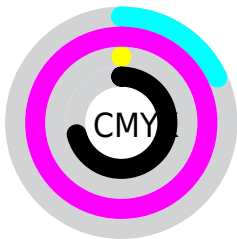
Distribution



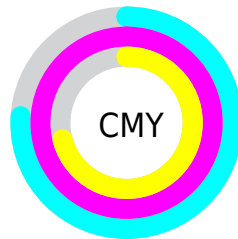
- Red (24%)
- Green (0%)
- Blue (29%)



- Red (24%)
- Yellow (0%)
- Blue (29%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)



- Cyan (76%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D004A 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 3D004A by changing the saturation by 10% instead.

 3D004A

 3D004A

 FFEEFF

 270033

 70347B

 00001D

 8A4D95

 000000

 A566B0

 C180CC

 DD9AE8

 FAB6FF

 FFD1FF

 3D004A

■ 3E074A

■ 400F4A

■ 41164A

■ 421E4A

■ 44254A

■ 452C4A

■ 46344A

■ 473B4A

■ 49434A

Harmonies

Analogous

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



001C60



3D004A



53002B

Triad

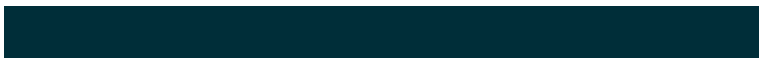
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D004A



311C00



002E39

Complementary

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



3D004A



0D4A00

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.



002E16



3D004A



112600

Square

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



3D004A



480600



002B00



002D56

Rectangle

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



3D004A



560015



002B00



002E2E

Sweetspot

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



3D004A



5C4461



000E4A



2D1F30



B0B0B0



303030

Same Dimension

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



3D004A



500061



4A0033



262226



540066



BD00E6

Inverse Universe

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



4A000D



610011



004A17



262223



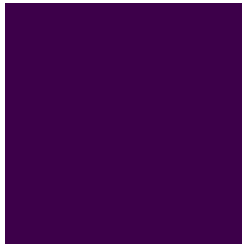
660012



E60028

Previews

White Background



This preview shows how the Hex color 3D004A looks on a white background.

Color Contrast Check

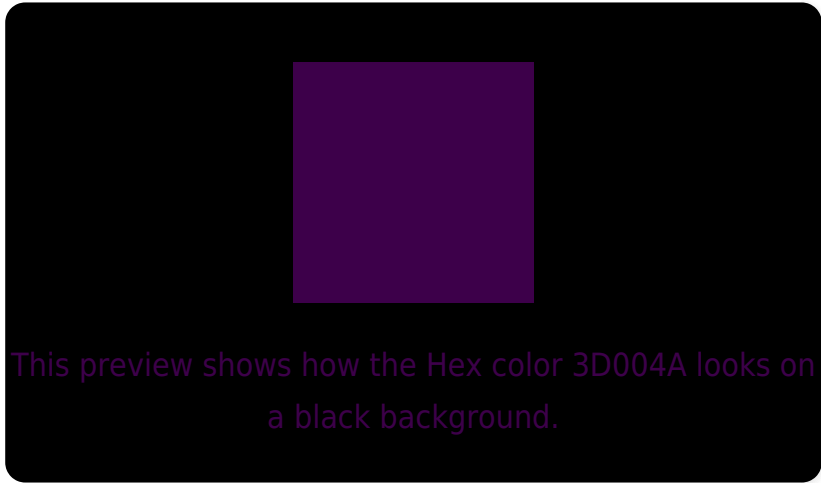
Large Text (above 18pt) WCAG AA ✓ Pass

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

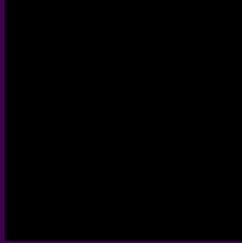
Any Text WCAG AA × Fail

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 3D004A Background



This preview shows how black text looks on a background with the Hex color 3D004A.



This preview shows how white text looks on a background with the Hex color 3D004A.

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
3D004A

Protanopia
00244B

Deuteranopia
002642



Tritanopia
371D1F

Trichromacy



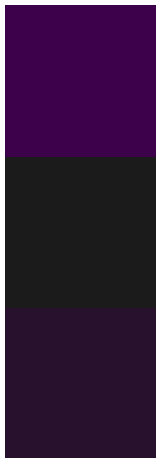
Original Color
3D004A

Protanomaly
16174B

Deuteranomaly
161845

Tritanomaly
39122F

Monochromacy



Original Color
3D004A

Achromatopsia
1B1B1B

Achromatomaly
27112C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D004A 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 #3D004A looks like.

```
.text, #text, p{  
    color:#3D004A  
}
```

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 #3D004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D004A
}
```

Border

The CSS property to change the border of an element to Hex 3D004A is called "border". The border property can be set on classes, ids or directly on the HTML element.

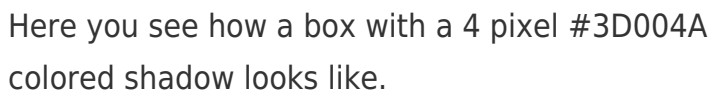
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D004A }
```

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

```
.border{ border-color:#3D004A }
```

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



Here you see how a box with a 4 pixel #3D004A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D004A; -webkit-box-shadow:4px 4px  
4px 4px #3D004A; box-shadow:4px 4px 4px  
4px #3D004A }
```

Background

The CSS property to change the background color of an element to Hex 3D004A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D004A }
```

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

```
.background{ background-color:#3D004A }
```

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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