

Converting Colors

Hex(2D004A)

Have a look what the booklet for
Hex(2D004A) contains.

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Color

Hex(2D004A)

Conversions

Conversions Part 1

Format	Color
Hex	2D004A
RGB	45, 0, 74
RGB Percent	18%, 0%, 29%
CMY	0.8235, 1.0000, 0.7098
CMYK	0.39, 1.00, 0.00, 0.71
HSL	276°, 100%, 15%
HSV	276°, 100%, 29%
XYZ	2.3182, 1.0523, 6.5595
YIQ	21.8910, 3.0660, 32.5540

Conversions

Conversions Part 2

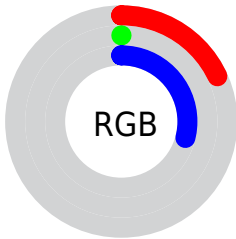
Format	Color
R_{YB}	45, 0, 74
Decimal	2949194
CIE _{Lab}	9.42, 35.43, -34.58
CIE _{LCh}	9, 49.509, 315.703
Yxy	1.0523, 0.2335, 0.1060
Android (android.graphics.Color)	4281139274 (0xFF2D004A)
YUV	21.8910, 25.6897, 20.2666
Hunter-Lab	10.2582, 22.3870, -30.7317

Details

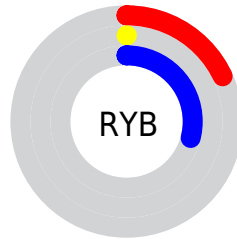
The Hex color **2D004A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1D4A00**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5F307C**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **2D004A**, and if you desaturate by 10%, it is **30074A**.

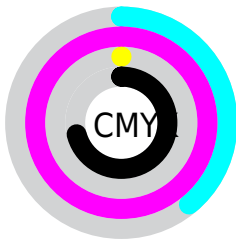
Distribution



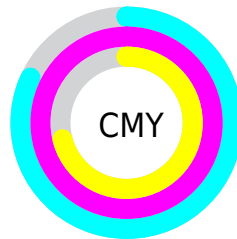
- Red (18%)
- Green (0%)
- Blue (29%)



- Red (18%)
- Yellow (0%)
- Blue (29%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)



- Cyan (82%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D004A 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 2D004A by changing the saturation by 10% instead.

 2D004A

 2D004A

 FFE8FF

 1A0033

 5F307C

 00021D

 794896

 000000

 9461B1

 AF7ACC

 CB95E9

 E8B0FF

 FFCBFF

 2D004A

■ 30074A

■ 330F4A

■ 36164A

■ 391E4A

■ 3B254A

■ 3E2C4A

■ 41344A

■ 443B4A

■ 47434A

Harmonies

Analogous

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



001A5D



2D004A



4A002C

Triad

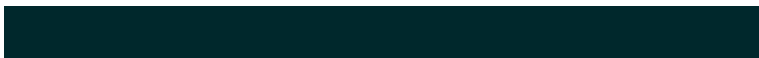
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D004A



2F1300



00282C

Complementary

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



2D004A



1D4A00

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.



002703



2D004A



101E00

Square

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



2D004A



440000



002500



00284B

Rectangle

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



2D004A



4F0016



002500



002720

Sweetspot

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



2D004A



564461



001E4A



2A1F30



B0B0B0



303030

Same Dimension

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



2D004A



3B0061



4A0043



252226



3E0066



8C00E6

Inverse Universe

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



4A001D



610026



004A07



262224



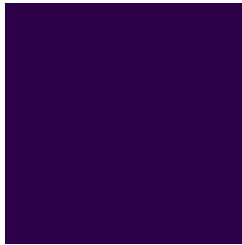
660028



E6005A

Previews

White Background



This preview shows how the Hex color 2D004A looks on a white background.

Color Contrast Check

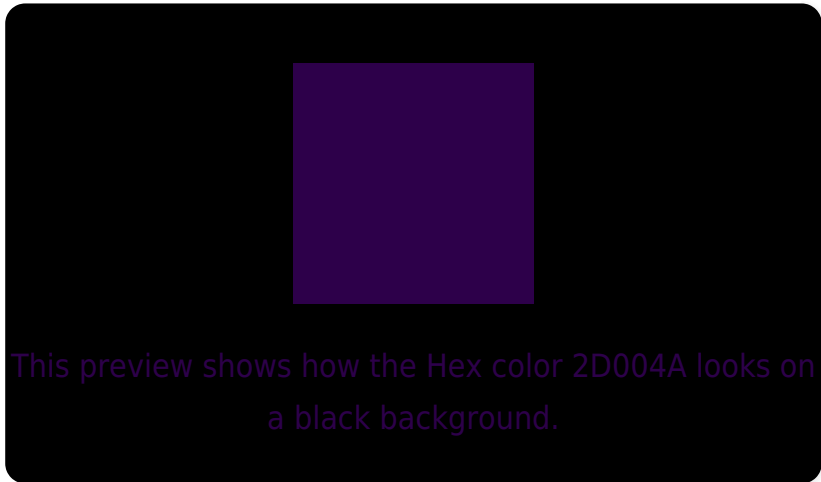
Large Text (above 18pt) WCAG AA ✓ Pass

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

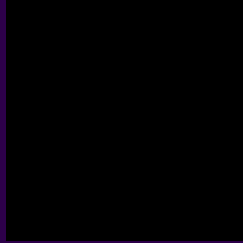
Any Text WCAG AA × Fail

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 2D004A Background



This preview shows how black text looks on a background with the Hex color 2D004A.



This preview shows how white text looks on a background with the Hex color 2D004A.

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
2D004A

Protanopia
001E3F

Deuteranopia
002036



Tritanopia
241D1F

Trichromacy



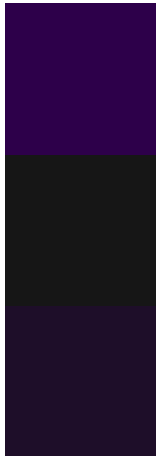
Original Color
2D004A

Protanomaly
101343

Deuteranomaly
10143D

Tritanomaly
27122F

Monochromacy



Original Color
2D004A

Achromatopsia
161616

Achromatomaly
1E0E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D004A 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 #2D004A looks like.

```
.text, #text, p{  
    color:#2D004A  
}
```

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 #2D004A colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 2D004A 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".

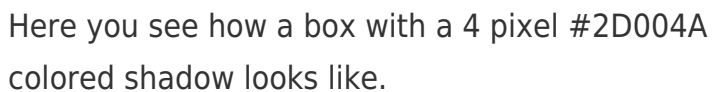
```
.border, #border, table{ border:4px solid
#2D004A }
```

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

```
.border{ border-color:#2D004A }
```

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

Here you see how a box with a 4 pixel #2D004A colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D004A; -webkit-box-shadow:4px 4px  
4px 4px #2D004A; box-shadow:4px 4px 4px  
4px #2D004A }
```

Background

The CSS property to change the background color of an element to Hex 2D004A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D004A }
```

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

```
.background{ background-color:#2D004A }
```

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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