

Converting Colors

Hex(2D0068)

Have a look what the booklet for
Hex(2D0068) contains.

Hex(2D0068)	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(2D0068)

Conversions

Conversions Part 1

Format	Color
Hex	2D0068
RGB	45, 0, 104
RGB Percent	18%, 0%, 41%
CMY	0.8235, 1.0000, 0.5922
CMYK	0.57, 1.00, 0.00, 0.59
HSL	266°, 100%, 20%
HSV	266°, 100%, 41%
XYZ	3.5809, 1.5574, 13.2086
YIQ	25.3110, -6.5640, 41.8840

Conversions

Conversions Part 2

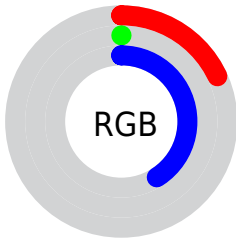
Format	Color
RYB	45, 0, 104
Decimal	2949224
CIELab	12.97, 42.75, -49.06
CIELCh	13, 65.077, 311.071
Yxy	1.5574, 0.1952, 0.0849
Android (android.graphics.Color)	4281139304 (0xFF2D0068)
YUV	25.3110, 38.7937, 17.2673
Hunter-Lab	12.4794, 29.3802, -54.0185

Details

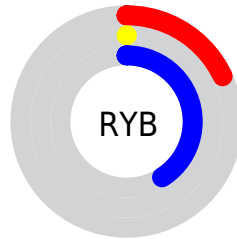
The Hex color **2D0068** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3B6800**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **63349C**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **2D0068**, and if you desaturate by 10%, it is **330A68**.

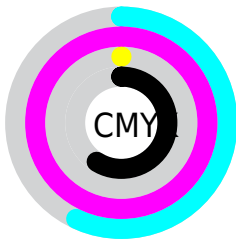
Distribution



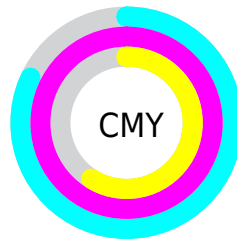
- Red (18%)
- Green (0%)
- Blue (41%)



- Red (18%)
- Yellow (0%)
- Blue (41%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (82%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D0068 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 2D0068 by changing the saturation by 10% instead.

 2D0068

 2D0068


 FFEEFF

 11004F

 63349C

 000037

 7F4CB8

 000221

 9A65D4

 000006

 B67FF0

 000000

 D39AFF

 F0B5FF

 FFD1FF

 2D0068

■ 330A68

■ 391568

■ 3F1F68

■ 452A68

■ 4A3468

■ 503E68

■ 564968

■ 5C5368

■ 625E68

Harmonies

Analogous

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



00257E



2D0068



5E0040

Triad

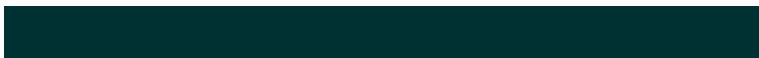
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D0068



411300



003132

Complementary

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



2D0068



3B6800

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.



003000



2D0068



1B2500

Square

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



2D0068



5B0000



002D00



00325E

Rectangle

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



2D0068



670022



002D00



003022

Sweetspot

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



2D0068



705F87



003D68



372C45



C4C4C4



454545

Same Dimension

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



2D0068



3A0087



5F0068



302E33



320073



6900F2

Inverse Universe

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



68003B



87004D



096800



332E31



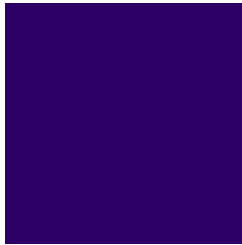
730041



F20089

Previews

White Background



This preview shows how the Hex color 2D0068 looks on a white background.

Color Contrast Check

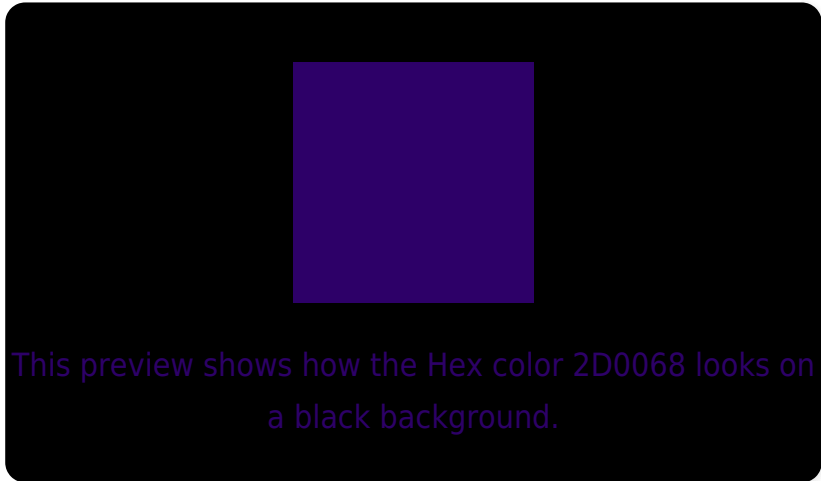
Large Text (above 18pt) WCAG AA ✓ Pass

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

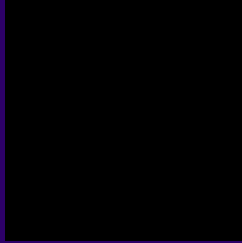
Any Text WCAG AA × Fail

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 2D0068 Background



This preview shows how black text looks on a background with the Hex color 2D0068.



This preview shows how white text looks on a background with the Hex color 2D0068.

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
2D0068

Protanopia
00244C

Deuteranopia
002741



Tritanopia
16282C

Trichromacy



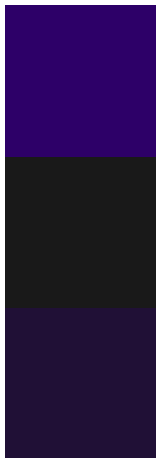
Original Color
2D0068

Protanomaly
101756

Deuteranomaly
10194F

Tritanomaly
1E1942

Monochromacy



Original Color
2D0068

Achromatopsia
191919

Achromatomaly
201036

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D0068 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 #2D0068 looks like.

```
.text, #text, p{  
    color:#2D0068  
}
```

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 #2D0068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0068
}
```

Border

The CSS property to change the border of an element to Hex 2D0068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

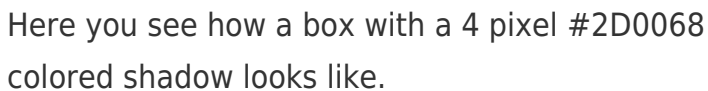
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D0068 }
```

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

```
.border{ border-color:#2D0068 }
```

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



Here you see how a box with a 4 pixel #2D0068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0068; -webkit-box-shadow:4px 4px  
4px 4px #2D0068; box-shadow:4px 4px 4px  
4px #2D0068 }
```

Background

The CSS property to change the background color of an element to Hex 2D0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0068 }
```

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

```
.background{ background-color:#2D0068 }
```

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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