

Converting Colors

Hex(2D062F)

Have a look what the booklet for
Hex(2D062F) contains.

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Color

Hex(2D062F)

Conversions

Conversions Part 1

Format	Color
Hex	2D062F
RGB	45, 6, 47
RGB Percent	18%, 2%, 18%
CMY	0.8235, 0.9765, 0.8157
CMYK	0.04, 0.87, 0.00, 0.82
HSL	297°, 77%, 10%
HSV	297°, 87%, 18%
XYZ	1.6604, 0.8934, 2.7742
YIQ	22.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

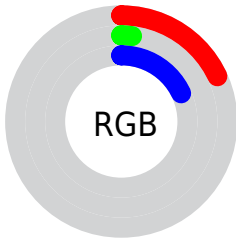
Format	Color
RYB	45, 6, 47
Decimal	2950703
CIELab	8.07, 25.99, -17.35
CIELCh	8, 31.249, 326.269
Yxy	0.8934, 0.3116, 0.1677
Android (android.graphics.Color)	4281140783 (0xFF2D062F)
YUV	22.3350, 12.1598, 19.8772
Hunter-Lab	9.4518, 14.8163, -10.7862




Details

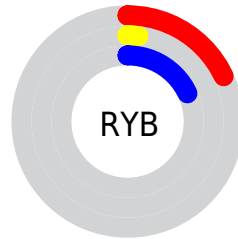
The Hex color **2D062F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **082F06**, and the grayscale version is **161616**.




A 20% lighter version of the original color is **5D335D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D012F**, and if you desaturate by 10%, it is **2D0B2F**.

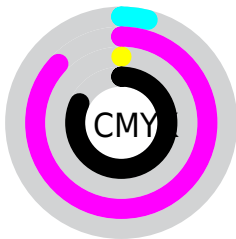
Distribution







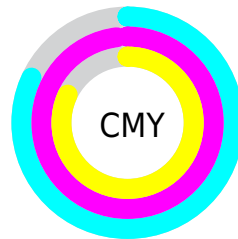
-  Red (18%)
-  Green (2%)
-  Blue (18%)






-  Red (18%)
-  Yellow (2%)
-  Blue (18%)



-  Cyan (4%)
-  Magenta (87%)
-  Yellow (0%)
-  Black (82%)



-  Cyan (82%)
-  Magenta (98%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D062F 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 2D062F by changing the saturation by 10% instead.

 2D062F

 2D062F

 FFE9FF

 18001A

 5D335D

 000000

 764B76

 906390

 AB7CAA

 C796C6

 E3B1E2

 FFCDFE

 2D062F

 2D062F

■ 2D012F

■ 2D0B2F

■ 2D002F

■ 2D0F2F

■ 2E142F

■ 2E192F

■ 2E1E2F

■ 2E222F

■ 2F272F

■ 2F2C2F

■ 2F302F

Harmonies

Analogous

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



0C133D



2D062F



39001B

Triad

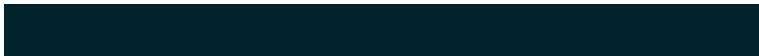
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D062F



211600



002229

Complementary

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



2D062F



082F06

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.



002214



2D062F



091C00

Square

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



2D062F



300C00



002000



00203A

Rectangle

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



2D062F



3B000A



002000



002223

Sweetspot

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



2D062F



3C2D3D



06082F



1E151F



9E9E9E



1F1F1F

Same Dimension

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



2D062F



3A003D



2F061D



171517



520057



CC00D6

Inverse Universe

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



2F0608



3D0003



062F18



171515



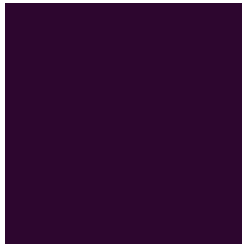
570004



D6000A

Previews

White Background



This preview shows how the Hex color 2D062F looks on a white background.

Color Contrast Check

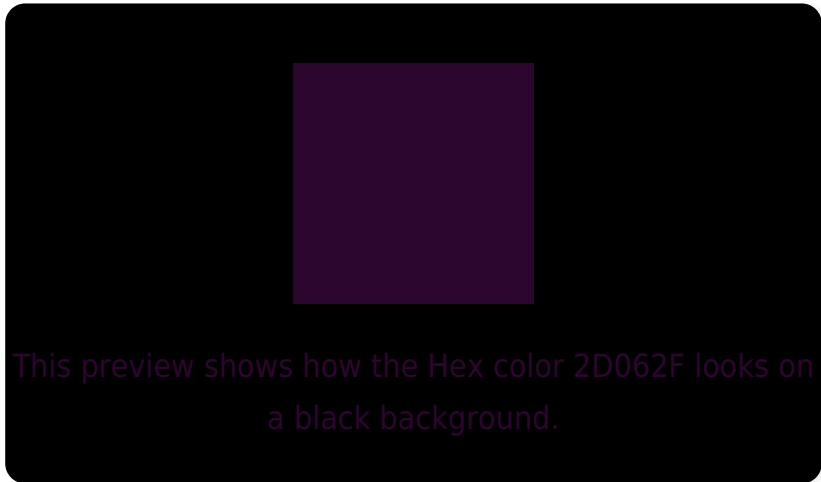
Large Text (above 18pt) WCAG AA ✓ Pass

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

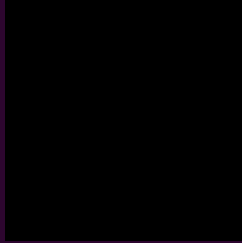
Any Text WCAG AA × Fail

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 2D062F Background



This preview shows how black text looks on a background with the Hex color 2D062F.



This preview shows how white text looks on a background with the Hex color 2D062F.

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
2D062F

Protanopia
001A36

Deuteranopia
0E1B2C



Tritanopia
2A1314

Trichromacy



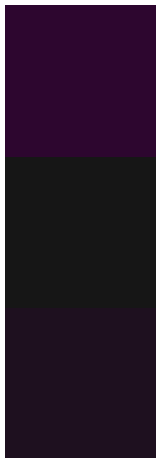
Original Color
2D062F

Protanomaly
101333

Deuteranomaly
19132D

Tritanomaly
2B0E1E

Monochromacy



Original Color
2D062F

Achromatopsia
161616

Achromatomaly
1E101F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D062F 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 #2D062F looks like.

```
.text, #text, p{  
    color:#2D062F  
}
```

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 #2D062F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D062F
}
```

Border

The CSS property to change the border of an element to Hex 2D062F is called "border". The border property can be set on classes, ids or directly on the HTML element.

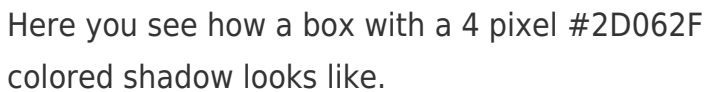
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D062F }
```

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

```
.border{ border-color:#2D062F }
```

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



Here you see how a box with a 4 pixel #2D062F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D062F; -webkit-box-shadow:4px 4px  
4px 4px #2D062F; box-shadow:4px 4px 4px  
4px #2D062F }
```

Background

The CSS property to change the background color of an element to Hex 2D062F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D062F }
```

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

```
.background{ background-color:#2D062F }
```

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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