

Converting Colors

Hex(2D102D)

Have a look what the booklet for
Hex(2D102D) contains.

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Color

Hex(2D102D)

Conversions

Conversions Part 1

Format	Color
Hex	2D102D
RGB	45, 16, 45
RGB Percent	18%, 6%, 18%
CMY	0.8235, 0.9373, 0.8235
CMYK	0.00, 0.64, 0.00, 0.82
HSL	300°, 48%, 12%
HSV	300°, 64%, 18%
XYZ	1.7411, 1.1179, 2.6066
YIQ	27.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

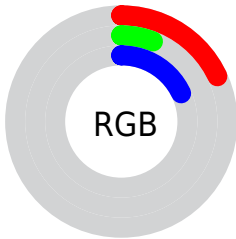
Format	Color
RYB	45, 16, 45
Decimal	2953261
CIELab	9.94, 20.01, -12.92
CIELCh	10, 23.816, 327.142
Yxy	1.1179, 0.3186, 0.2045
Android (android.graphics.Color)	4281143341 (0xFF2D102D)
YUV	27.9770, 8.3923, 14.9292
Hunter-Lab	10.5732, 10.8911, -7.2156

Details

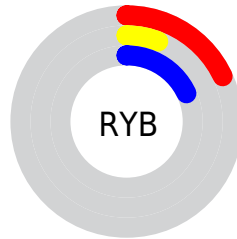
The Hex color **2D102D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **102D10**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5C3C5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0C2D**, and if you desaturate by 10%, it is **2D152D**.

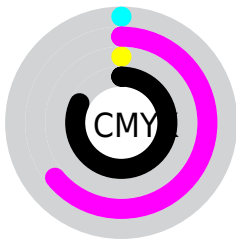
Distribution



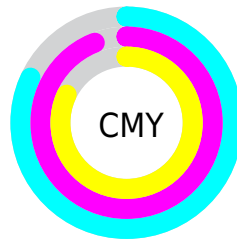
- Red (18%)
- Green (6%)
- Blue (18%)



- Red (18%)
- Yellow (6%)
- Blue (18%)



- Cyan (0%)
- Magenta (64%)
- Yellow (0%)
- Black (82%)



- Cyan (82%)
- Magenta (94%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D102D 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 2D102D by changing the saturation by 10% instead.

 2D102D

 2D102D

 FFF3FF

 1B0019

 5C3C5B

 000000

 755373

 8F6C8D

 A985A7

 C59FC3

 E1BADF

 FED6FB

 2D102D

 2D102D

■ 2D0C2D

■ 2D152D

■ 2D072D

■ 2D192D

■ 2D032D

■ 2D1E2D

■ 2D002D

■ 2D222D

■ 2D272D

■ 2D2B2D

■ 2D302D

■ 2D342D

■ 2D392D

Harmonies

Analogous

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



181838



2D102D



370A1E

Triad

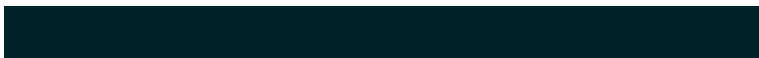
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D102D



251A00



00232A

Complementary

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



2D102D



102D10

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.



002319



2D102D



161F00

Square

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



2D102D



311300



002204



002136

Rectangle

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



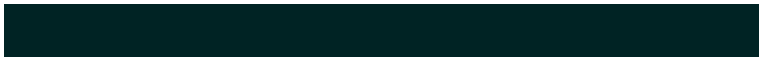
2D102D



380B12



002204



002324

Sweetspot

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



2D102D



3B303B



10102D



1F181F



9E9E9E



1F1F1F

Same Dimension

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



2D102D



3B0D3B



2D101F



171517



570057



D600D6

Inverse Universe

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



2D102D



3B0D3B



102D1F



171517



570057



D600D6

Previews

White Background



This preview shows how the Hex color 2D102D looks on a white background.

Color Contrast Check

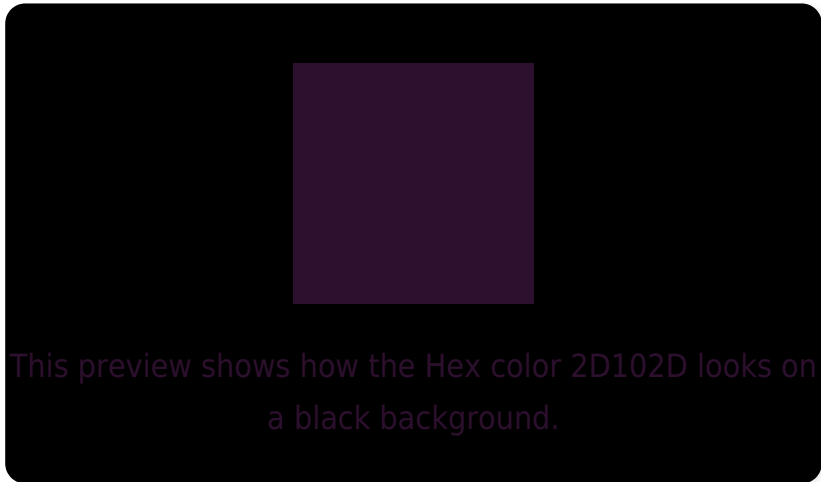
Large Text (above 18pt) WCAG AA ✓ Pass

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

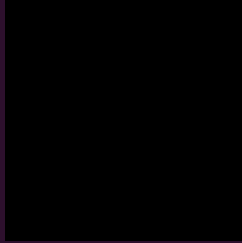
Any Text WCAG AA × Fail

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 2D102D Background



This preview shows how black text looks on a background with the Hex color 2D102D.



This preview shows how white text looks on a background with the Hex color 2D102D.

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
2D102D

Protanopia
0B1C38

Deuteranopia
161C2B



Tritanopia
2B1618

Trichromacy



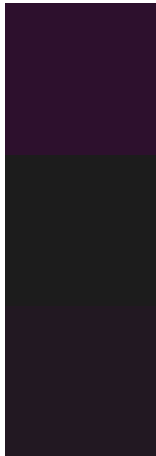
Original Color
2D102D

Protanomaly
171834

Deuteranomaly
1E182C

Tritanomaly
2C1420

Monochromacy



Original Color
2D102D

Achromatopsia
1C1C1C

Achromatomaly
221822

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D102D 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 #2D102D looks like.

```
.text, #text, p{  
    color:#2D102D  
}
```

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 #2D102D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D102D
}
```

Border

The CSS property to change the border of an element to Hex 2D102D 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
#2D102D }
```

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

```
.border{ border-color:#2D102D }
```

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

Here you see how a box with a 4 pixel #2D102D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D102D; -webkit-box-shadow:4px 4px  
4px 4px #2D102D; box-shadow:4px 4px 4px  
4px #2D102D }
```

Background

The CSS property to change the background color of an element to Hex 2D102D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D102D }
```

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

```
.background{ background-color:#2D102D }
```

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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