

Converting Colors

Hex(2D0026)

Have a look what the booklet for
Hex(2D0026) contains.

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Color

Hex(2D0026)

Conversions

Conversions Part 1

Format	Color
Hex	2D0026
RGB	45, 0, 38
RGB Percent	18%, 0%, 15%
CMY	0.8235, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.16, 0.82
HSL	309°, 100%, 9%
HSV	309°, 100%, 18%
XYZ	1.4320, 0.6978, 1.8929
YIQ	17.7870, 14.6220, 21.3580

Conversions

Conversions Part 2

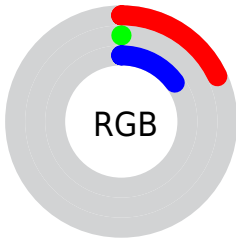
Format	Color
RYB	45, 0, 38
Decimal	2949158
CIELab	6.30, 27.36, -13.36
CIElCh	6, 30.444, 333.977
Yxy	0.6978, 0.3560, 0.1735
Android (android.graphics.Color)	4281139238 (0xFF2D0026)
YUV	17.7870, 9.9650, 23.8658
Hunter-Lab	8.3536, 15.9810, -7.5877

Details

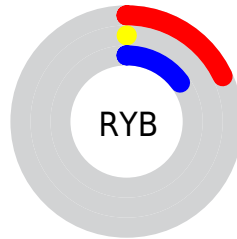
The Hex color **2D0026** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002D07**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5D2D53**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0026**, and if you desaturate by 10%, it is **2D0427**.

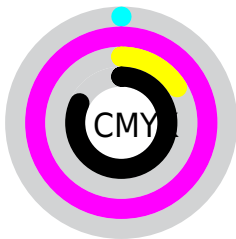
Distribution



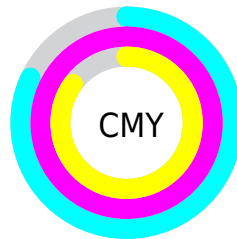
- Red (18%)
- Green (0%)
- Blue (15%)



- Red (18%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (82%)



- Cyan (82%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D0026 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 2D0026 by changing the saturation by 10% instead.

 2D0026

 2D0026

 FFE3FF

 130010

 5D2D53

 000000

 76456B

 905D85

 AB769F

 C790BA

 E3ABD5

 FFC7F2

 2D0026

■ 2D0427

■ 2D0927

■ 2D0E28

■ 2D1229

■ 2D1729

■ 2D1B2A

■ 2D202B

■ 2D242C

■ 2D292C

Harmonies

Analogous

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



150D36



2D0026



350012

Triad

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



2D0026



181400



001F2A

Complementary

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



2D0026



002D07

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.



001F16



2D0026



001B00

Square

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



2D0026



280B00



001E00



001C38

Rectangle

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



2D0026



350000



001E00



001F24

Sweetspot

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



2D0026



3B2938



07002D



1F141D



9E9E9E



1F1F1F

Same Dimension

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



2D0026



3B0032



2D0010



171517



570049



D600B5

Inverse Universe

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



2D0026



3B0032



002D1D



171517



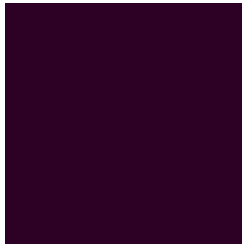
570049



D600B5

Previews

White Background



This preview shows how the Hex color 2D0026 looks on a white background.

Color Contrast Check

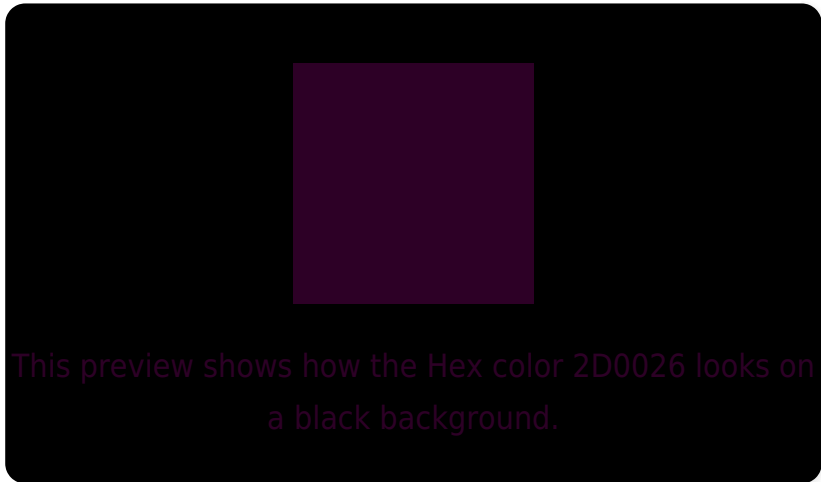
Large Text (above 18pt) WCAG AA ✓ Pass

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

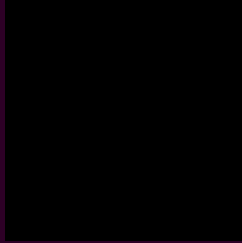
Any Text WCAG AA × Fail

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 2D0026 Background



This preview shows how black text looks on a background with the Hex color 2D0026.



This preview shows how white text looks on a background with the Hex color 2D0026.

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
2D0026

Protanopia
001833

Deuteranopia
151924



Tritanopia
2B0F10

Trichromacy



Original Color
2D0026

Protanomaly
100F2E

Deuteranomaly
1E1025

Tritanomaly
2C0A18

Monochromacy



Original Color
2D0026

Achromatopsia
121212

Achromatomaly
1C0B19

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D0026 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 #2D0026 looks like.

```
.text, #text, p{  
    color:#2D0026  
}
```

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 #2D0026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0026
}
```

Border

The CSS property to change the border of an element to Hex 2D0026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

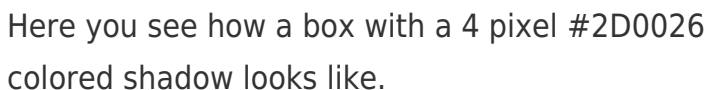
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D0026 }
```

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

```
.border{ border-color:#2D0026 }
```

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



Here you see how a box with a 4 pixel #2D0026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0026; -webkit-box-shadow:4px 4px  
4px 4px #2D0026; box-shadow:4px 4px 4px  
4px #2D0026 }
```

Background

The CSS property to change the background color of an element to Hex 2D0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0026 }
```

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

```
.background{ background-color:#2D0026 }
```

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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