

Converting Colors

Hex(2D000F)

Have a look what the booklet for
Hex(2D000F) contains.

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Color

Hex(2D000F)

Conversions

Conversions Part 1

Format	Color
Hex	2D000F
RGB	45, 0, 15
RGB Percent	18%, 0%, 6%
CMY	0.8235, 1.0000, 0.9412
CMYK	0.00, 1.00, 0.67, 0.82
HSL	340°, 100%, 9%
HSV	340°, 100%, 18%
XYZ	1.1684, 0.5924, 0.5047
YIQ	15.1650, 22.0050, 14.2050

Conversions

Conversions Part 2

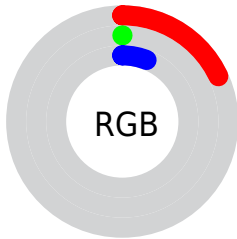
Format	Color
R_YB	45, 0, 15
Decimal	2949135
CIE Lab	5.35, 23.37, 2.01
CIE LCh	5, 23.452, 4.909
Yxy	0.5924, 0.5157, 0.2615
Android (android.graphics.Color)	4281139215 (0xFF2D000F)
YUV	15.1650, -0.0813, 26.1653
Hunter-Lab	7.6966, 13.6288, 1.4998

Details

The Hex color **2D000F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002D1E**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5D2D3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D000F**, and if you desaturate by 10%, it is **2D0412**.

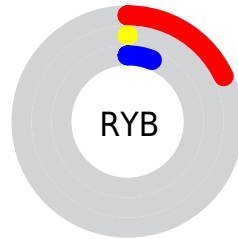
Distribution



Red (18%)

Green (0%)

Blue (6%)



Red (18%)

Yellow (0%)

Blue (6%)

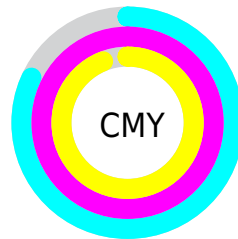


Cyan (0%)

Magenta (100%)

Yellow (67%)

Black (82%)



Cyan (82%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D000F 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 2D000F by changing the saturation by 10% instead.

 2D000F

 2D000F

 FFE2EF

 090000

 5D2D3A

 000000

 774451

 915C69

 AC7682

 C88F9C

 E5AAB7

 FFC6D2

 2D000F

■ 2D0412

■ 2D0915

■ 2D0E18

■ 2D121B

■ 2D171E

■ 2D1B21

■ 2D2024

■ 2D2427

■ 2D292A

Harmonies

Analogous

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



260320



2D000F



2C0300

Triad

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



2D000F



001700



00182E

Complementary

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



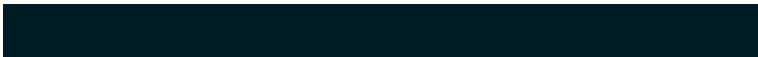
2D000F



002D1E

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.



001B23



2D000F



001B00

Square

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



2D000F



151200



001C14



001331

Rectangle

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



2D000F



270800



001C14



00192B

Sweetspot

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



2D000F



3B292F



1E002D



1F1417



9E9E9E



1F1F1F

Same Dimension

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



2D000F



3B0014



2D0700



171515



57001D



D60047

Inverse Universe

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



2D000F



3B0014



00252D



171515



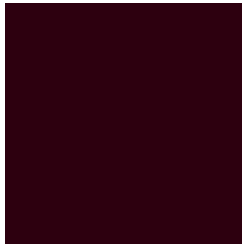
57001D



D60047

Previews

White Background



This preview shows how the Hex color 2D000F looks on a white background.

Color Contrast Check

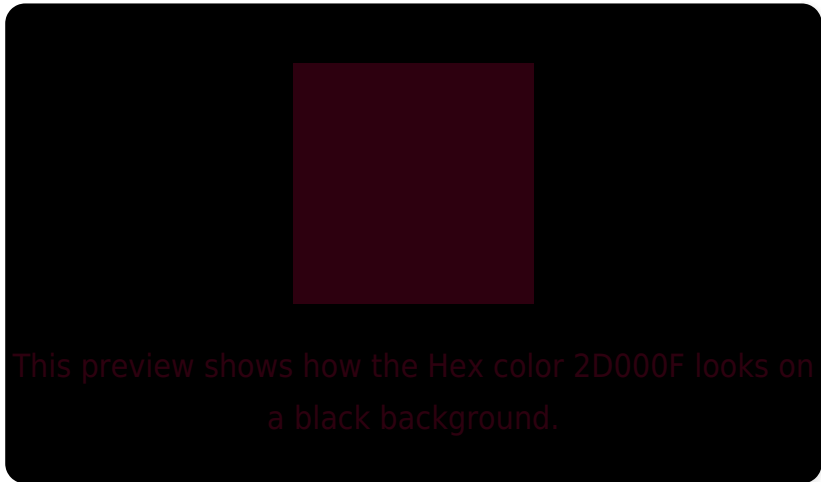
Large Text (above 18pt) WCAG AA ✓ Pass

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

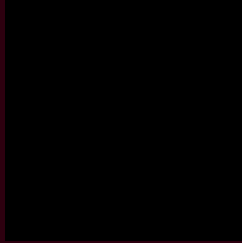
Any Text WCAG AA × Fail

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 2D000F Background



This preview shows how black text looks on a background with the Hex color 2D000F.

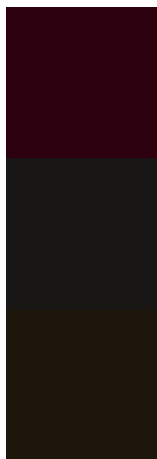


This preview shows how white text looks on a background with the Hex color 2D000F.

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
2D000F

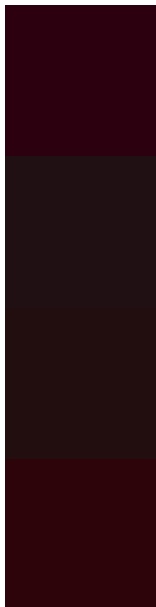
Protanopia
181716

Deuteranopia
1C160D



Tritanopia
2D0605

Trichromacy



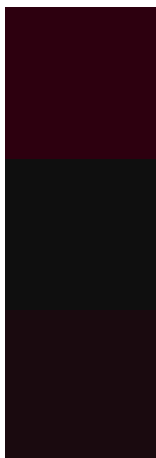
Original Color
2D000F

Protanomaly
200F13

Deuteranomaly
220E0E

Tritanomaly
2D0409

Monochromacy



Original Color
2D000F

Achromatopsia
0F0F0F

Achromatomaly
1A0A0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D000F 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 #2D000F looks like.

```
.text, #text, p{  
    color:#2D000F  
}
```

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 #2D000F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D000F
}
```

Border

The CSS property to change the border of an element to Hex 2D000F 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".

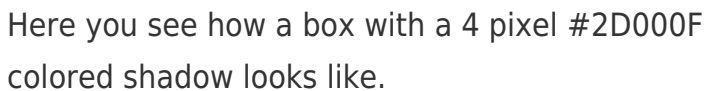
```
.border, #border, table{ border:4px solid
#2D000F }
```

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

```
.border{ border-color:#2D000F }
```

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

Here you see how a box with a 4 pixel #2D000F colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D000F; -webkit-box-shadow:4px 4px  
4px 4px #2D000F; box-shadow:4px 4px 4px  
4px #2D000F }
```

Background

The CSS property to change the background color of an element to Hex 2D000F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D000F }
```

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

```
.background{ background-color:#2D000F }
```

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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