

Converting Colors

Hex(2D0007)

Have a look what the booklet for
Hex(2D0007) contains.

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Color

Hex(2D0007)

Conversions

Conversions Part 1

Format	Color
Hex	2D0007
RGB	45, 0, 7
RGB Percent	18%, 0%, 3%
CMY	0.8235, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.84, 0.82
HSL	351°, 100%, 9%
HSV	351°, 100%, 18%
XYZ	1.1205, 0.5732, 0.2526
YIQ	14.2530, 24.5730, 11.7170

Conversions

Conversions Part 2

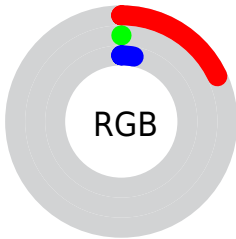
Format	Color
R_YB	45, 0, 7
Decimal	2949127
CIE Lab	5.18, 22.51, 5.31
CIE LCh	5, 23.132, 13.282
Yxy	0.5732, 0.5757, 0.2945
Android (android.graphics.Color)	4281139207 (0xFF2D0007)
YUV	14.2530, -3.5757, 26.9651
Hunter-Lab	7.5712, 13.1685, 3.3217

Details

The Hex color **2D0007** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002D26**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **5D2D35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0007**, and if you desaturate by 10%, it is **2D040B**.

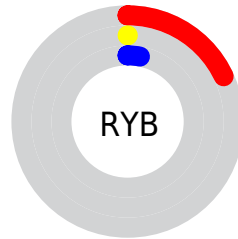
Distribution



Red (18%)

Green (0%)

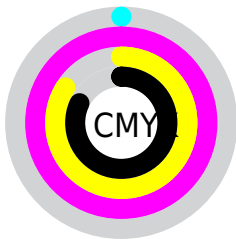
Blue (3%)



Red (18%)

Yellow (0%)

Blue (3%)

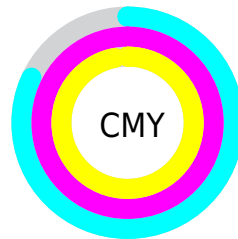


Cyan (0%)

Magenta (100%)

Yellow (84%)

Black (82%)



Cyan (82%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D0007 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 2D0007 by changing the saturation by 10% instead.

 2D0007

 2D0007


 FFE2E8

 050000

 5D2D35

 000000

 77444B

 915C63

 AC757C

 C88F96

 E5AAB0

 FFC5CC

 2D0007

■ 2D040B

■ 2D090F

■ 2D0E12

■ 2D1216

■ 2D171A

■ 2D1B1E

■ 2D2022

■ 2D2425

■ 2D2929

Harmonies

Analogous

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



29011B



2D0007



290500

Triad

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



2D0007



001800



00162F

Complementary

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



2D0007



002D26

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.



001A26



2D0007



001B02

Square

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



2D0007



0F1300



001B18



00102F

Rectangle

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



2D0007



230A00



001B18



00182D

Sweetspot

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



2D0007



3B292C



26002D



1F1415



9E9E9E



1F1F1F

Same Dimension

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



2D0007



3B0009



2D0F00



171515



57000D



D60021

Inverse Universe

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



2D0007



3B0009



001E2D



171515



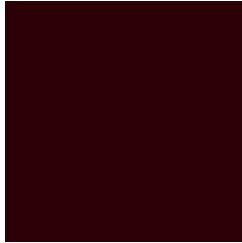
57000D



D60021

Previews

White Background



This preview shows how the Hex color 2D0007 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

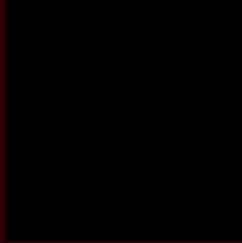
Any Text WCAG AA × Fail

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 2D0007 Background



This preview shows how black text looks on a background with the Hex color 2D0007.



This preview shows how white text looks on a background with the Hex color 2D0007.

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](#).

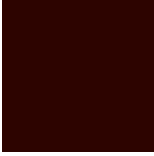
Dichromacy



Original Color
2D0007

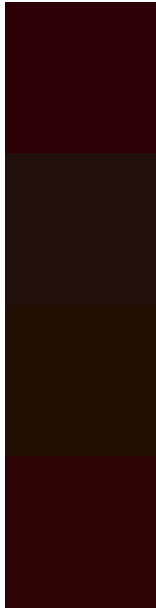
Protanopia
19170B

Deuteranopia
1D1600



Tritanopia
2D0400

Trichromacy



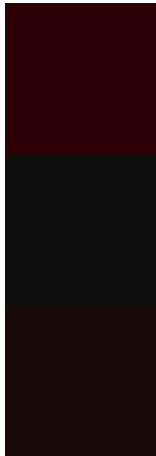
Original Color
2D0007

Protanomaly
200F0A

Deuteranomaly
230E03

Tritanomaly
2D0303

Monochromacy



Original Color
2D0007

Achromatopsia
0E0E0E

Achromatomaly
19090B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D0007 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 #2D0007 looks like.

```
.text, #text, p{  
    color:#2D0007  
}
```

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 #2D0007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0007
}
```

Border

The CSS property to change the border of an element to Hex 2D0007 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
#2D0007 }
```

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

```
.border{ border-color:#2D0007 }
```

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

Here you see how a box with a 4 pixel #2D0007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0007; -webkit-box-shadow:4px 4px  
4px 4px #2D0007; box-shadow:4px 4px 4px  
4px #2D0007 }
```

Background

The CSS property to change the background color of an element to Hex 2D0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0007 }
```

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

```
.background{ background-color:#2D0007 }
```

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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