

Converting Colors

Hex(2D0606)

Have a look what the booklet for
Hex(2D0606) contains.

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Color

Hex(2D0606)

Conversions

Conversions Part 1

Format	Color
Hex	2D0606
RGB	45, 6, 6
RGB Percent	18%, 2%, 2%
CMY	0.8235, 0.9765, 0.9765
CMYK	0.00, 0.87, 0.87, 0.82
HSL	0°, 76%, 10%
HSV	0°, 87%, 18%
XYZ	1.1802, 0.7013, 0.2455
YIQ	17.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

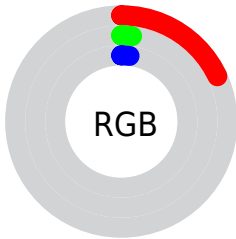
Format	Color
R_{YB}	45, 6, 6
Decimal	2950662
CIE Lab	6.33, 19.51, 7.41
CIE LCh	6, 20.872, 20.798
Yxy	0.7013, 0.5549, 0.3297
Android (android.graphics.Color)	4281140742 (0xFF2D0606)
YUV	17.6610, -5.7489, 23.9763
Hunter-Lab	8.3743, 10.5009, 4.1242

Details

The Hex color **2D0606** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **062D2D**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5D3234**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0101**, and if you desaturate by 10%, it is **2D0A0A**.

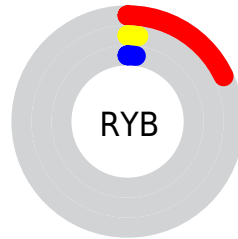
Distribution



Red (18%)

Green (2%)

Blue (2%)



Red (18%)

Yellow (2%)

Blue (2%)

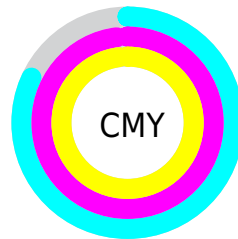


Cyan (0%)

Magenta (87%)

Yellow (87%)

Black (82%)



Cyan (82%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D0606 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 2D0606 by changing the saturation by 10% instead.

 2D0606

 2D0606


 FFE7E7

 0A0000

 5D3234

 000000

 77494A

 916162

 AC7A7B

 C89495

 E5AFAF

 FFCBCB

 2D0606

 2D0606

■ 2D0101

■ 2D0A0A

■ 2D0000

■ 2D0F0F

■ 2D1313

■ 2D1818

■ 2D1D1D

■ 2D2121

■ 2D2626

■ 2D2A2A

■ 2D2F2F

Harmonies

Analogous

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



2A0619



2D0606



280B00

Triad

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



2D0606



001A00



00172F

Complementary

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



2D0606



062D2D

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.



001B29



2D0606



001C0E

Square

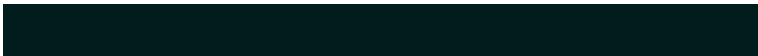
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2D0606



0F1700



001C1D



0B122E

Rectangle

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



2D0606



221000



001C1D



00192E

Sweetspot

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



2D0606



3B2B2B



2D062D



1F1515



9E9E9E



1F1F1F

Same Dimension

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



2D0606



3B0000



2D1A06



171515



570000



D60000

Inverse Universe

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



062D2D



003B3B



061A2D



151717



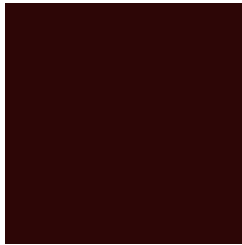
005757



00D6D6

Previews

White Background



This preview shows how the Hex color 2D0606 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

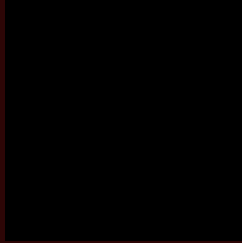
Any Text WCAG AA × Fail

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 2D0606 Background



This preview shows how black text looks on a background with the Hex color 2D0606.

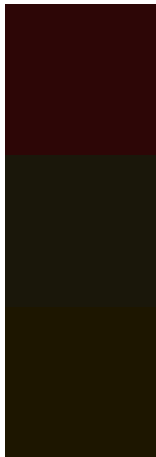


This preview shows how white text looks on a background with the Hex color 2D0606.

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
2D0606

Protanopia
1A170A

Deuteranopia
1D1600



Tritanopia
2D0605

Trichromacy



Original Color

2D0606

Protanomaly

211109

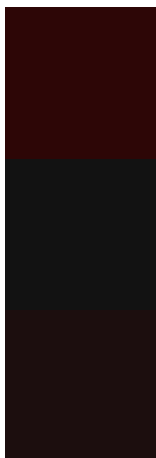
Deuteranomaly

231002

Tritanomaly

2D0605

Monochromacy



Original Color

2D0606

Achromatopsia

121212

Achromatomaly

1C0E0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D0606 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 #2D0606 looks like.

```
.text, #text, p{  
    color:#2D0606  
}
```

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 #2D0606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0606
}
```

Border

The CSS property to change the border of an element to Hex 2D0606 is called "border". The border property can be set on classes, ids or directly on the HTML element.

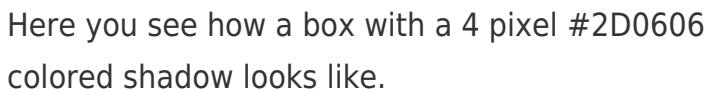
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D0606 }
```

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

```
.border{ border-color:#2D0606 }
```

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



Here you see how a box with a 4 pixel #2D0606 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0606; -webkit-box-shadow:4px 4px  
4px 4px #2D0606; box-shadow:4px 4px 4px  
4px #2D0606 }
```

Background

The CSS property to change the background color of an element to Hex 2D0606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0606 }
```

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

```
.background{ background-color:#2D0606 }
```

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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