

Converting Colors

Hex(2B0706)

Have a look what the booklet for
Hex(2B0706) contains.

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Color

Hex(2B0706)

Conversions

Conversions Part 1

Format	Color
Hex	2B0706
RGB	43, 7, 6
RGB Percent	17%, 3%, 2%
CMY	0.8314, 0.9725, 0.9765
CMYK	0.00, 0.84, 0.86, 0.83
HSL	2°, 76%, 10%
HSV	2°, 86%, 17%
XYZ	1.1051, 0.6787, 0.2451
YIQ	17.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

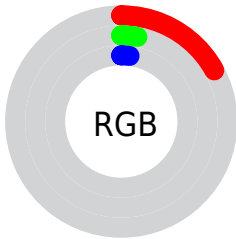
Format	Color
RYB	43, 7, 6
Decimal	2819846
CIELab	6.13, 17.88, 7.06
CIELCh	6, 19.227, 21.558
Yxy	0.6787, 0.5447, 0.3345
Android (android.graphics.Color)	4281009926 (0xFF2B0706)
YUV	17.6500, -5.7435, 22.2319
Hunter-Lab	8.2383, 9.5275, 4.0032

Details

The Hex color **2B0706** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **062A2B**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5A3334**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0302**, and if you desaturate by 10%, it is **2B0B0A**.

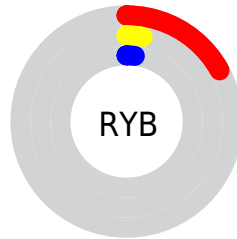
Distribution



Red (17%)

Green (3%)

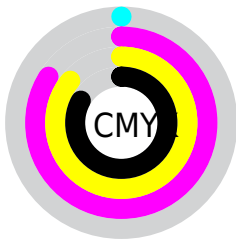
Blue (2%)



Red (17%)

Yellow (3%)

Blue (2%)

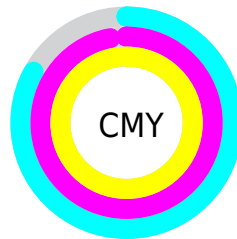


Cyan (0%)

Magenta (84%)

Yellow (86%)

Black (83%)



Cyan (83%)

Magenta (97%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0706 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 2B0706 by changing the saturation by 10% instead.

 2B0706

 2B0706

 FFE8E7

 030000

 5A3334

 000000

 744A4A

 8E6262

 A97B7B

 C59595

 E1B0AF

 FECBCB

 2B0706

 2B0706

■ 2B0302

■ 2B0B0A

■ 2B0100

■ 2B0F0F

■ 2B1413

■ 2B1817

■ 2B1C1C

■ 2B2020

■ 2B2424

■ 2B2828

■ 2B2D2D

Harmonies

Analogous

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



290718



2B0706



270C00

Triad

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



2B0706



001A00



00162D

Complementary

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



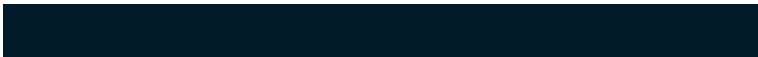
2B0706



062A2B

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.



001A27



2B0706



001B0E

Square

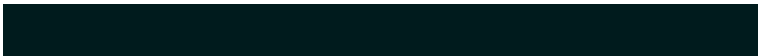
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2B0706



0F1600



001B1D



0D112B

Rectangle

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



2B0706



211000



001B1D



00182C

Sweetspot

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



2B0706



382A2A



2B062A



1C1413



9C9C9C



1C1C1C

Same Dimension

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



2B0706



380200



2B1906



141212



540200



D40600

Inverse Universe

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



062A2B



003738



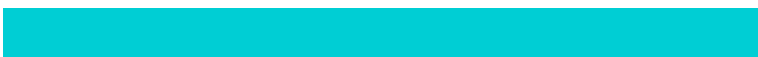
06182B



121414



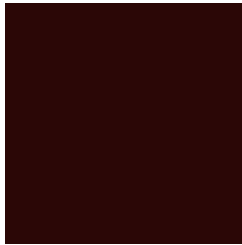
005254



00CED4

Previews

White Background



This preview shows how the Hex color 2B0706 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

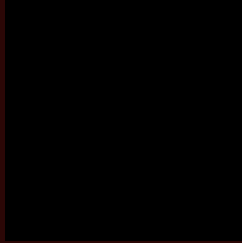
Any Text WCAG AA × Fail

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 2B0706 Background



This preview shows how black text looks on a background with the Hex color 2B0706.

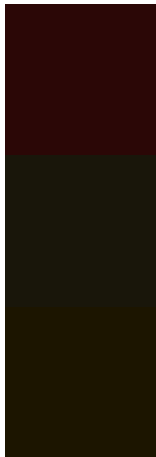


This preview shows how white text looks on a background with the Hex color 2B0706.

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
2B0706

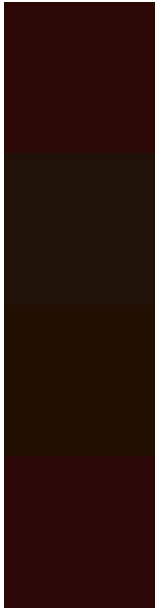
Protanopia
19160A

Deuteranopia
1C1500



Tritanopia
2B0707

Trichromacy



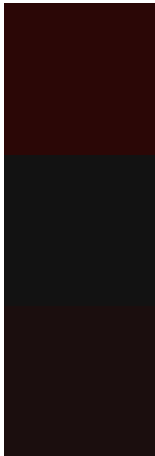
Original Color
2B0706

Protanomaly
201109

Deuteranomaly
211002

Tritanomaly
2B0707

Monochromacy



Original Color
2B0706

Achromatopsia
121212

Achromatomaly
1B0E0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0706 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 #2B0706 looks like.

```
.text, #text, p{  
    color:#2B0706  
}
```

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 #2B0706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0706
}
```

Border

The CSS property to change the border of an element to Hex 2B0706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

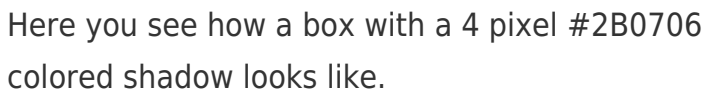
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0706 }
```

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

```
.border{ border-color:#2B0706 }
```

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



Here you see how a box with a 4 pixel #2B0706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0706; -webkit-box-shadow:4px 4px  
4px 4px #2B0706; box-shadow:4px 4px 4px  
4px #2B0706 }
```

Background

The CSS property to change the background color of an element to Hex 2B0706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0706 }
```

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

```
.background{ background-color:#2B0706 }
```

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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