

Converting Colors

Hex(2B0400)

Have a look what the booklet for
Hex(2B0400) contains.

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Color

Hex(2B0400)

Conversions

Conversions Part 1

Format	Color
Hex	2B0400
RGB	43, 4, 0
RGB Percent	17%, 2%, 0%
CMY	0.8314, 0.9843, 1.0000
CMYK	0.00, 0.91, 1.00, 0.83
HSL	6°, 100%, 8%
HSV	6°, 100%, 17%
XYZ	1.0397, 0.6004, 0.0611
YIQ	15.2050, 24.5280, 7.0240

Conversions

Conversions Part 2

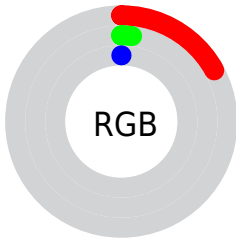
Format	Color
RYB	43, 4, 0
Decimal	2819072
CIELab	5.42, 18.65, 8.48
CIELCh	5, 20.485, 24.445
Yxy	0.6004, 0.6111, 0.3529
Android (android.graphics.Color)	4281009152 (0xFF2B0400)
YUV	15.2050, -7.4961, 24.3762
Hunter-Lab	7.7487, 10.3899, 4.9566

Details

The Hex color **2B0400** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00272B**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5A3130**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0400**, and if you desaturate by 10%, it is **2B0804**.

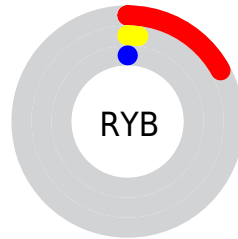
Distribution



Red (17%)

Green (2%)

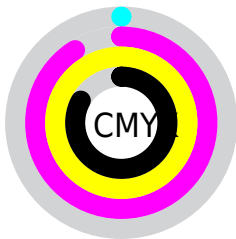
Blue (0%)



Red (17%)

Yellow (2%)

Blue (0%)

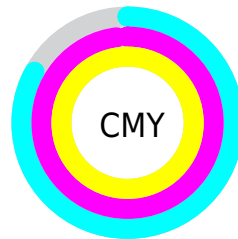


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (83%)



Cyan (83%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0400 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 2B0400 by changing the saturation by 10% instead.

 2B0400

 2B0400

 FFE5E2

 000000

 5A3130

 734847

 8E605E

 A97977

 C59391

 E1ADAB

 FEC9C6

 2B0400

■ 2B0804

■ 2B0C09

■ 2B100D

■ 2B1411

■ 2B1816

■ 2B1B1A

■ 2B1F1E

■ 2B2322

■ 2B2727

Harmonies

Analogous

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



290315



2B0400



250A00

Triad

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



2B0400



001900



00152D

Complementary

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



2B0400



00272B

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.



001828



2B0400



001B0E

Square

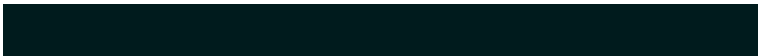
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2B0400



081500



001B1D



0E0F2B

Rectangle

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



2B0400



1F0E00



001B1D



00162C

Sweetspot

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



2B0400



382927



2B0027



1C1312



9C9C9C



1C1C1C

Same Dimension

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



2B0400



380500



2B1900



141312



540800



D41400

Inverse Universe

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



00272B



003338



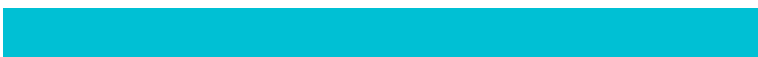
00122B



121414



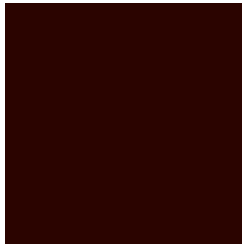
004C54



00C0D4

Previews

White Background



This preview shows how the Hex color 2B0400 looks on a white background.

Color Contrast Check

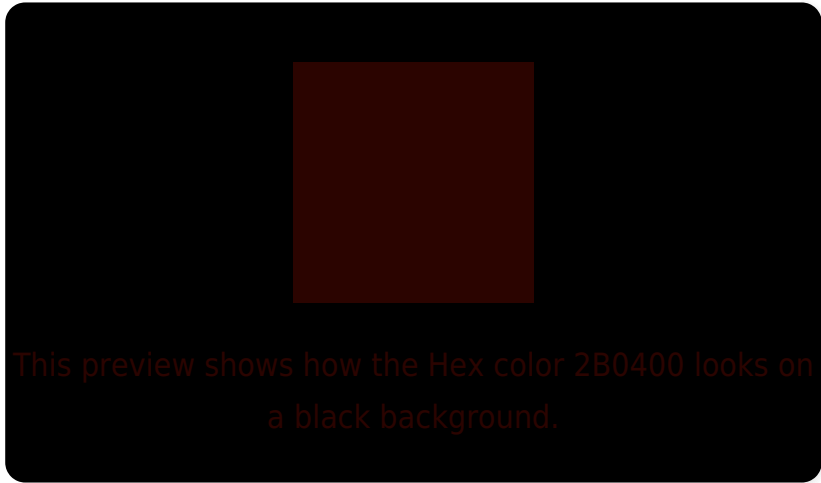
Large Text (above 18pt) WCAG AA ✓ Pass

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

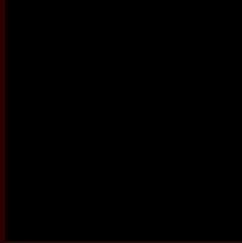
Any Text WCAG AA × Fail

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 2B0400 Background



This preview shows how black text looks on a background with the Hex color 2B0400.

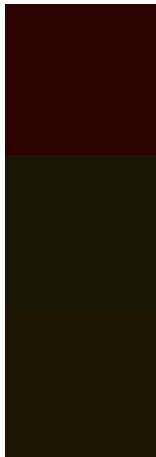


This preview shows how white text looks on a background with the Hex color 2B0400.

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](#).

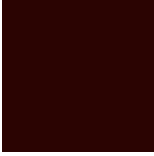
Dichromacy



Original Color
2B0400

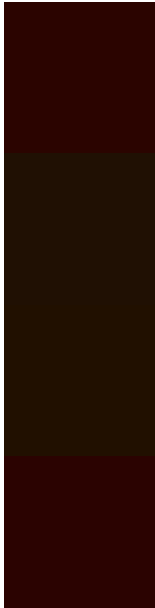
Protanopia
191605

Deuteranopia
1C1500



Tritanopia
2B0402

Trichromacy



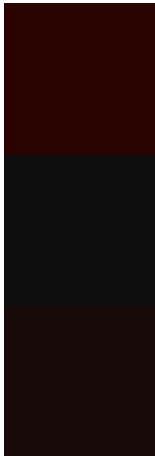
Original Color
2B0400

Protanomaly
200F03

Deuteranomaly
210F00

Tritanomaly
2B0401

Monochromacy



Original Color
2B0400

Achromatopsia
0F0F0F

Achromatomaly
190B0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0400 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 #2B0400 looks like.

```
.text, #text, p{  
    color:#2B0400  
}
```

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 #2B0400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0400
}
```

Border

The CSS property to change the border of an element to Hex 2B0400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

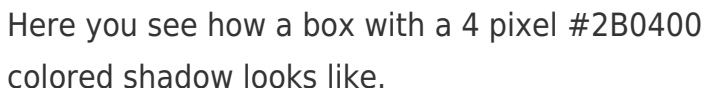
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0400 }
```

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

```
.border{ border-color:#2B0400 }
```

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



Here you see how a box with a 4 pixel #2B0400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0400; -webkit-box-shadow:4px 4px  
4px 4px #2B0400; box-shadow:4px 4px 4px  
4px #2B0400 }
```

Background

The CSS property to change the background color of an element to Hex 2B0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0400 }
```

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

```
.background{ background-color:#2B0400 }
```

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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