

Converting Colors

Hex(2B0013)

Have a look what the booklet for
Hex(2B0013) contains.

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Color

Hex(2B0013)

Conversions

Conversions Part 1

Format	Color
Hex	2B0013
RGB	43, 0, 19
RGB Percent	17%, 0%, 7%
CMY	0.8314, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.56, 0.83
HSL	333°, 100%, 8%
HSV	333°, 100%, 17%
XYZ	1.1138, 0.5606, 0.6656
YIQ	15.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

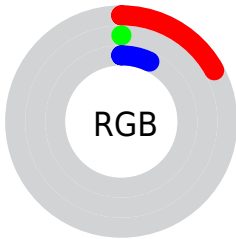
Format	Color
R_{YB}	43, 0, 19
Decimal	2818067
CIE Lab	5.06, 22.78, -0.79
CIE LCh	5, 22.790, 358.015
Yxy	0.5606, 0.4760, 0.2396
Android (android.graphics.Color)	4281008147 (0xFF2B0013)
YUV	15.0230, 1.9607, 24.5358
Hunter-Lab	7.4874, 13.4503, -0.0295

Details

The Hex color **2B0013** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002B18**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5A2D3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0013**, and if you desaturate by 10%, it is **2B0415**.

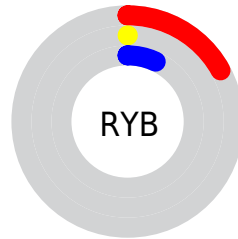
Distribution



Red (17%)

Green (0%)

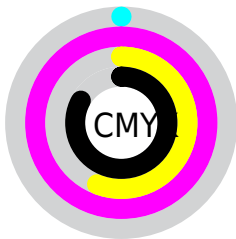
Blue (7%)



Red (17%)

Yellow (0%)

Blue (7%)

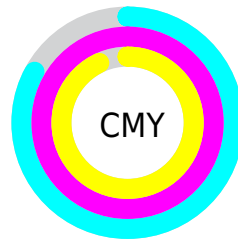


Cyan (0%)

Magenta (100%)

Yellow (56%)

Black (83%)



Cyan (83%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0013 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 2B0013 by changing the saturation by 10% instead.

 2B0013

 2B0013

 FFE2F3

 040000

 5A2D3D

 000000

 744454

 8E5C6D

 A97586

 C58FA0

 E1AABB

 FEC5D7

 2B0013

■ 2B0415

■ 2B0918

■ 2B0D1A

■ 2B111D

■ 2B161F

■ 2B1A21

■ 2B1E24

■ 2B2226

■ 2B2729

Harmonies

Analogous

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



230422



2B0013



2C0200

Triad

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



2B0013



011600



00182B

Complementary

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



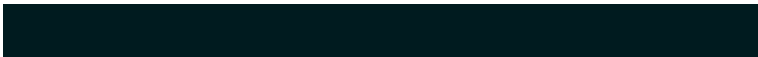
2B0013



002B18

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.



001B1F



2B0013



001900

Square

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



2B0013



181000



001B0F



00132F

Rectangle

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



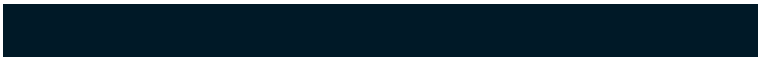
2B0013



280600



001B0F



001927

Sweetspot

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



2B0013



38272F



18002B



1C1216



9C9C9C



1C1C1C

Same Dimension

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



2B0013



380019



2B0200



141213



540025



D4005E

Inverse Universe

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



2B0013



380019



00292B



141213



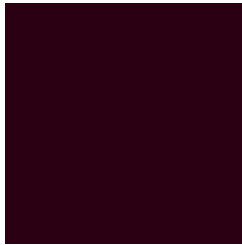
540025



D4005E

Previews

White Background



This preview shows how the Hex color 2B0013 looks on a white background.

Color Contrast Check

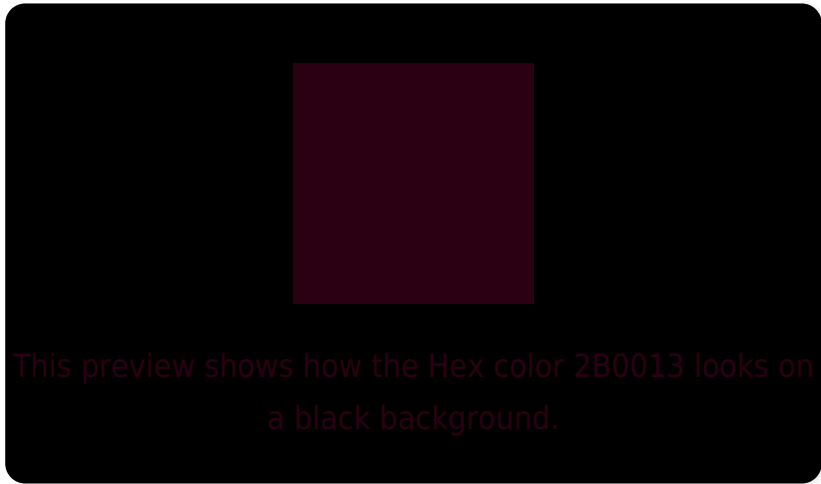
Large Text (above 18pt) WCAG AA ✓ Pass

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

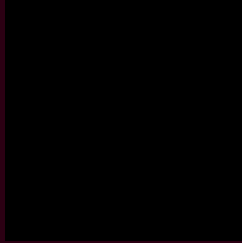
Any Text WCAG AA × Fail

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 2B0013 Background



This preview shows how black text looks on a background with the Hex color 2B0013.

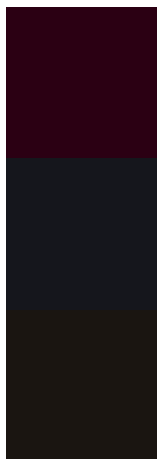


This preview shows how white text looks on a background with the Hex color 2B0013.

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](#).

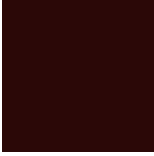
Dichromacy



Original Color
2B0013

Protanopia
15161C

Deuteranopia
1A1511



Tritanopia
2B0807

Trichromacy



Original Color
2B0013

Protanomaly
1D0E19

Deuteranomaly
200D12

Tritanomaly
2B050B

Monochromacy



Original Color
2B0013

Achromatopsia
0F0F0F

Achromatomaly
190A10

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0013 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 #2B0013 looks like.

```
.text, #text, p{  
    color:#2B0013  
}
```

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 #2B0013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0013
}
```

Border

The CSS property to change the border of an element to Hex 2B0013 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".

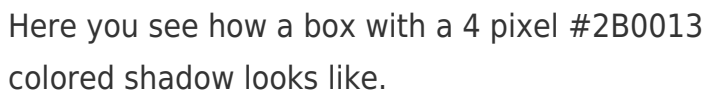
```
.border, #border, table{ border:4px solid
#2B0013 }
```

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

```
.border{ border-color:#2B0013 }
```

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

Here you see how a box with a 4 pixel #2B0013 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 the box, there is a thick dark red shadow that extends to the right and down, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0013; -webkit-box-shadow:4px 4px  
4px 4px #2B0013; box-shadow:4px 4px 4px  
4px #2B0013 }
```

Background

The CSS property to change the background color of an element to Hex 2B0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0013 }
```

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

```
.background{ background-color:#2B0013 }
```

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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