

Converting Colors

Hex(2B0134)

Have a look what the booklet for
Hex(2B0134) contains.

Hex(2B0134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B0134)

Conversions

Conversions Part 1

Format	Color
Hex	2B0134
RGB	43, 1, 52
RGB Percent	17%, 0%, 20%
CMY	0.8314, 0.9961, 0.7961
CMYK	0.17, 0.98, 0.00, 0.80
HSL	289°, 96%, 10%
HSV	289°, 98%, 20%
XYZ	1.6269, 0.7832, 3.3142
YIQ	19.3720, 8.6610, 24.7650

Conversions

Conversions Part 2

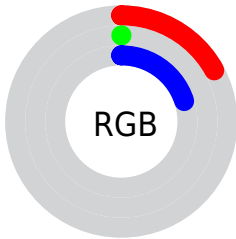
Format	Color
R_{YB}	43, 1, 52
Decimal	2818356
CIE Lab	7.07, 29.40, -22.66
CIE LCh	7, 37.119, 322.373
Yxy	0.7832, 0.2842, 0.1368
Android (android.graphics.Color)	4281008436 (0xFF2B0134)
YUV	19.3720, 16.0856, 20.7218
Hunter-Lab	8.8500, 17.3270, -16.0084

Details

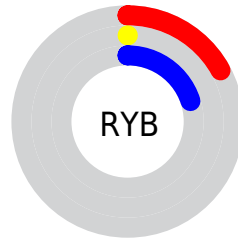
The Hex color **2B0134** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0A3401**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5B2F63**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **2B0034**, and if you desaturate by 10%, it is **2C0634**.

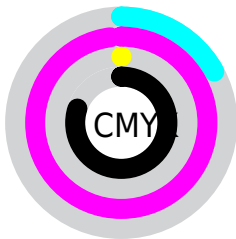
Distribution



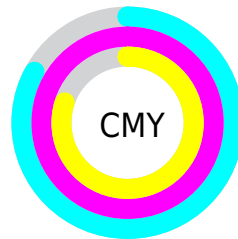
- Red (17%)
- Green (0%)
- Blue (20%)



- Red (17%)
- Yellow (0%)
- Blue (20%)



- Cyan (17%)
- Magenta (98%)
- Yellow (0%)
- Black (80%)



- Cyan (83%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0134 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 2B0134 by changing the saturation by 10% instead.


 2B0134

 2B0134

 FFE4FF

 14001F

 5B2F63

 000001

 74467C

 000000

 8F5E96

 A978B1

 C592CC

 E1ADE9

 FEC8FF

 2B0134

 2B0134

■ 2B0034

■ 2C0634

■ 2D0B34

■ 2E1134

■ 2F1634

■ 301B34

■ 312034

■ 312534

■ 322B34

■ 333034

Harmonies

Analogous

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



001244



2B0134



3B001D

Triad

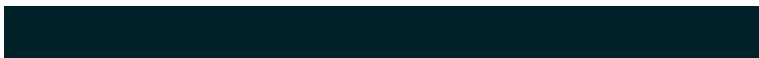
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B0134



221300



002128

Complementary

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



2B0134



0A3401

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.



00210C



2B0134



031B00

Square

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



2B0134



330400



002000



00203D

Rectangle

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



2B0134



3E0009



002000



00211F

Sweetspot

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



2B0134



413145



010A34



211724



A3A3A3



242424

Same Dimension

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



2B0134



390045



340124



19171A



490059



B200D9

Inverse Universe

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



34010A



45000C



013411



1A1717



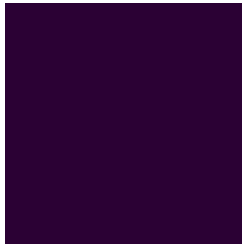
590010



D90026

Previews

White Background



This preview shows how the Hex color 2B0134 looks on a white background.

Color Contrast Check

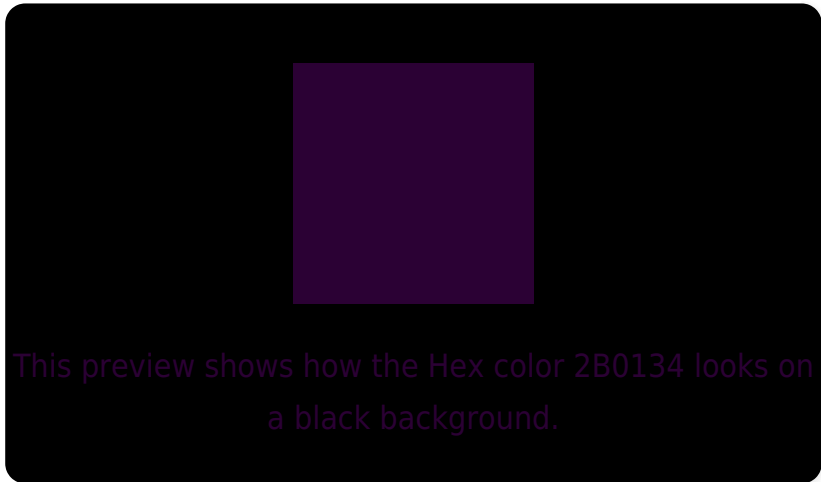
Large Text (above 18pt) WCAG AA ✓ Pass

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

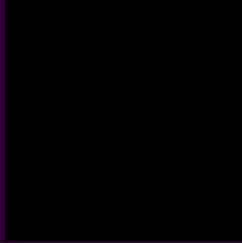
Any Text WCAG AA × Fail

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 2B0134 Background



This preview shows how black text looks on a background with the Hex color 2B0134.



This preview shows how white text looks on a background with the Hex color 2B0134.

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
2B0134

Protanopia
001935

Deuteranopia
001B2F



Tritanopia
271416

Trichromacy



Original Color

2B0134

Protanomaly

101035

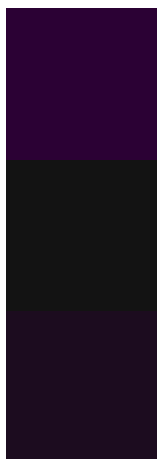
Deuteranomaly

101231

Tritanomaly

280D21

Monochromacy



Original Color

2B0134

Achromatopsia

131313

Achromatomaly

1C0C1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0134 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 #2B0134 looks like.

```
.text, #text, p{  
    color:#2B0134  
}
```

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 #2B0134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0134
}
```

Border

The CSS property to change the border of an element to Hex 2B0134 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
#2B0134 }
```

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

```
.border{ border-color:#2B0134 }
```

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

Here you see how a box with a 4 pixel #2B0134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0134; -webkit-box-shadow:4px 4px  
4px 4px #2B0134; box-shadow:4px 4px 4px  
4px #2B0134 }
```

Background

The CSS property to change the background color of an element to Hex 2B0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0134 }
```

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

```
.background{ background-color:#2B0134 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor