

Converting Colors

Hex(2B0037)

Have a look what the booklet for
Hex(2B0037) contains.

Hex(2B0037)	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(2B0037)

Conversions

Conversions Part 1

Format	Color
Hex	2B0037
RGB	43, 0, 55
RGB Percent	17%, 0%, 22%
CMY	0.8314, 1.0000, 0.7843
CMYK	0.22, 1.00, 0.00, 0.78
HSL	287°, 100%, 11%
HSV	287°, 100%, 22%
XYZ	1.6858, 0.7894, 3.6779
YIQ	19.1270, 7.9730, 26.2210

Conversions

Conversions Part 2

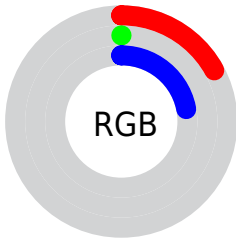
Format	Color
R_{YB}	43, 0, 55
Decimal	2818103
CIE _{Lab}	7.13, 30.69, -24.77
CIE _{LCh}	7, 39.442, 321.096
Yxy	0.7894, 0.2740, 0.1283
Android (android.graphics.Color)	4281008183 (0xFF2B0037)
YUV	19.1270, 17.6854, 20.9366
Hunter-Lab	8.8850, 18.3202, -18.3237

Details

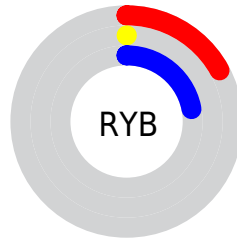
The Hex color **2B0037** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C3700**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5B2E66**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **2B0037**, and if you desaturate by 10%, it is **2C0537**.

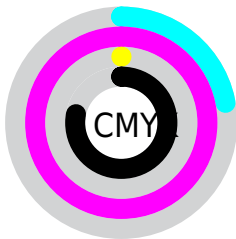
Distribution



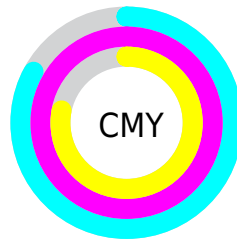
- Red (17%)
- Green (0%)
- Blue (22%)



- Red (17%)
- Yellow (0%)
- Blue (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (83%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0037 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 2B0037 by changing the saturation by 10% instead.

 2B0037

 2B0037

 FFE4FF

 150021

 5B2E66

 000006

 754580

 000000

 8F5E9A

 AA77B5

 C691D0

 E2ACED

 FFC8FF

 2B0037

■ 2C0537

■ 2D0B37

■ 2F1137

■ 301637

■ 311C37

■ 322137

■ 332737

■ 352C37

■ 363237

Harmonies

Analogous

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



001347



2B0037



3D001F

Triad

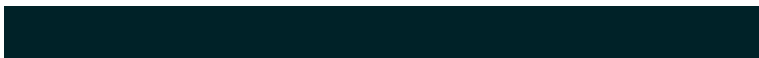
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B0037



231200



002228

Complementary

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



2B0037



0C3700

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.



00210A



2B0037



031B00

Square

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



2B0037



350200



002000



00213F

Rectangle

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



2B0037



40000A



002000



00211F

Sweetspot

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



2B0037



433247



000D37



211724



A3A3A3



242424

Same Dimension

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



2B0037



380047



370028



1B191C



48005C



AB00DB

Inverse Universe

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



3700C



470010



00370F



1C191A



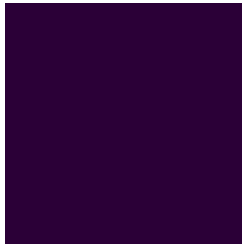
5C0014



DB0030

Previews

White Background



This preview shows how the Hex color 2B0037 looks on a white background.

Color Contrast Check

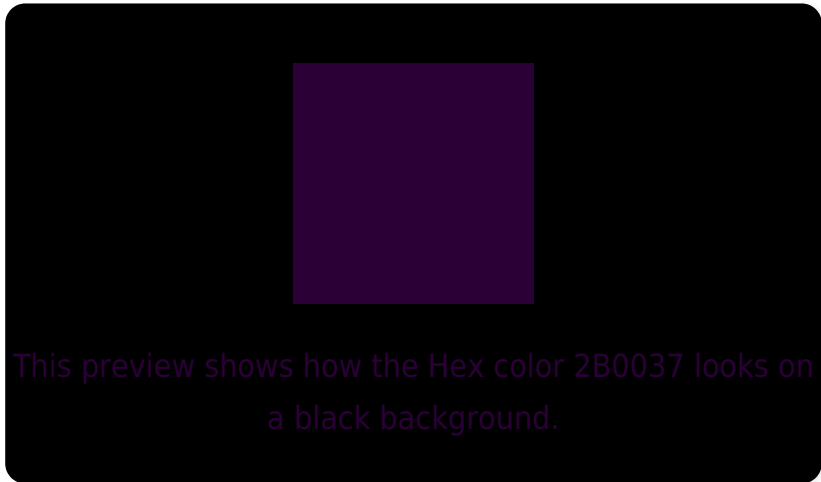
Large Text (above 18pt) WCAG AA ✓ Pass

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

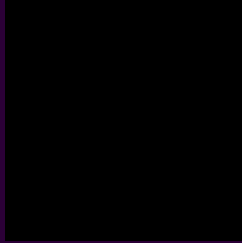
Any Text WCAG AA × Fail

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 2B0037 Background



This preview shows how black text looks on a background with the Hex color 2B0037.



This preview shows how white text looks on a background with the Hex color 2B0037.

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
2B0037

Protanopia
001A36

Deuteranopia
001B2F



Tritanopia
261617

Trichromacy



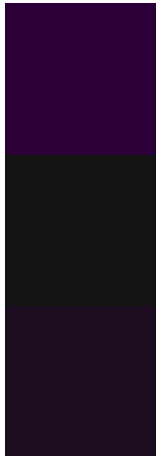
Original Color
2B0037

Protanomaly
101136

Deuteranomaly
101132

Tritanomaly
280E23

Monochromacy



Original Color
2B0037

Achromatopsia
131313

Achromatomaly
1C0C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0037 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 #2B0037 looks like.

```
.text, #text, p{  
    color:#2B0037  
}
```

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 #2B0037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0037
}
```

Border

The CSS property to change the border of an element to Hex 2B0037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

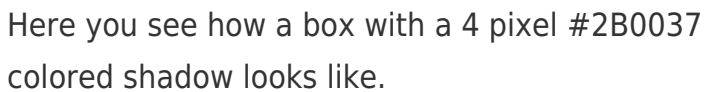
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0037 }
```

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

```
.border{ border-color:#2B0037 }
```

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



Here you see how a box with a 4 pixel #2B0037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0037; -webkit-box-shadow:4px 4px  
4px 4px #2B0037; box-shadow:4px 4px 4px  
4px #2B0037 }
```

Background

The CSS property to change the background color of an element to Hex 2B0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0037 }
```

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

```
.background{ background-color:#2B0037 }
```

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