

# Converting Colors

Hex(2C1033)

Have a look what the booklet for  
Hex(2C1033) contains.

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# Color

**Hex(2C1033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C1033
RGB	44, 16, 51
RGB Percent	17%, 6%, 20%
CMY	0.8275, 0.9373, 0.8000
CMYK	0.14, 0.69, 0.00, 0.80
HSL	288°, 52%, 13%
HSV	288°, 69%, 20%
XYZ	1.8215, 1.1451, 3.2570
YIQ	28.3620, 5.4530, 16.8210

# Conversions

## Conversions Part 2

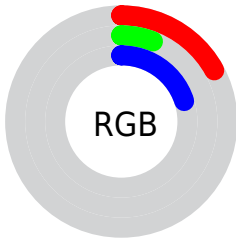
Format	Color
<b>RYB</b>	44, 16, 51
Decimal	2887731
CIELab	10.15, 21.11, -17.01
CIELCh	10, 27.105, 321.142
Yxy	1.1451, 0.2927, 0.1840
Android (android.graphics.Color)	4281077811 (0xFF2C1033)
YUV	28.3620, 11.1605, 13.7145
Hunter-Lab	10.7008, 11.6587, -10.5554

# Details

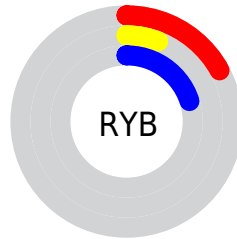
The Hex color **2C1033** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **173310**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5B3C62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0B33**, and if you desaturate by 10%, it is **2D1533**.

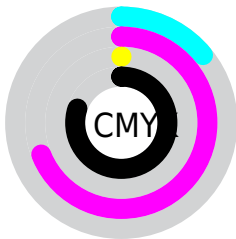
# Distribution



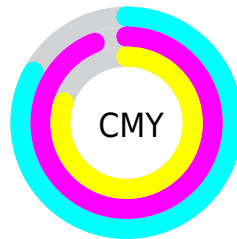
- Red (17%)
- Green (6%)
- Blue (20%)



- Red (17%)
- Yellow (6%)
- Blue (20%)



- Cyan (14%)
- Magenta (69%)
- Yellow (0%)
- Black (80%)



- Cyan (83%)
- Magenta (94%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C1033 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 2C1033 by changing the saturation by 10% instead.



 2C1033

 2C1033

 FFF3FF

 1B001E

 5B3C62

 000000

 74537B

 8E6C94

 A985AF

 C49FCB

 E0BAE7

 FDD6FF

 2C1033

 2C1033

■ 2B0B33

■ 2D1533

■ 2A0633

■ 2E1A33

■ 290133

■ 2F1F33

■ 290033

■ 302433

■ 312A33

■ 322F33

■ 333433

■ 343933

■ 353E33

# Harmonies

## Analogous

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



0D193E



2C1033



390722

# Triad

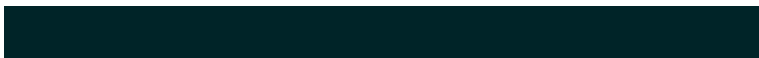
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C1033



291900



002428

# Complementary

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



2C1033



173310

# 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.



002415



2C1033



181F00

# Square

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



2C1033



351100



002200



002338

# Rectangle

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



2C1033



3C0616



002200



002522



# Sweetspot

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



2C1033



403442



101733



1F1921



A1A1A1



212121



# Same Dimension

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



2C1033



370C42



331029



19171A



470059



AD00D9



# Inverse Universe

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



331017



420C17



10331B



1A1717



590012



D9002B



# Previews

## White Background



This preview shows how the Hex color 2C1033 looks on a white background.

## Color Contrast Check

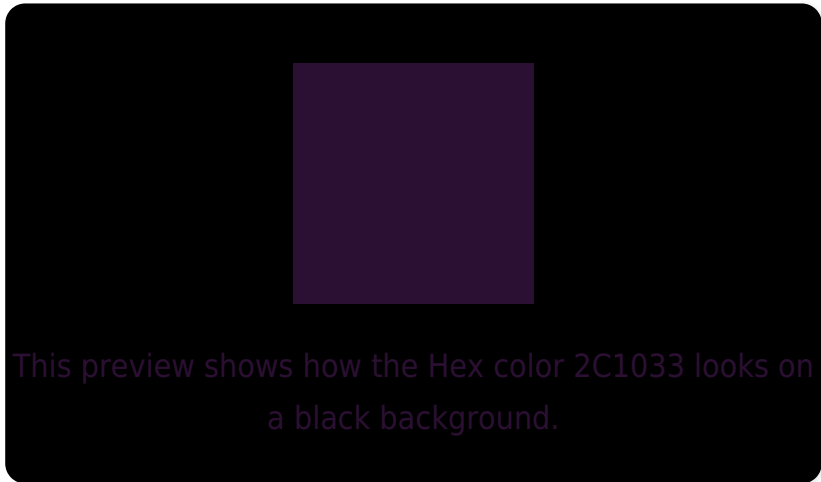
Large Text (above 18pt) WCAG AA ✓ Pass

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

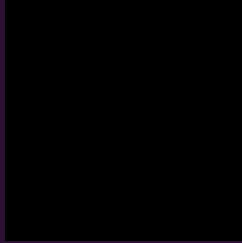
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2C1033 Background



This preview shows how black text looks on a background with the Hex color 2C1033.



This preview shows how white text looks on a background with the Hex color 2C1033.

# 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**  
2C1033

**Protanopia**  
001C3B

**Deuteranopia**  
0F1D31



**Tritanopia**  
29181A

# Trichromacy



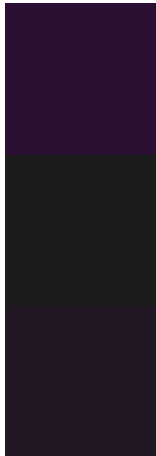
**Original Color**  
2C1033

**Protanomaly**  
101838

**Deuteranomaly**  
1A1832

**Tritanomaly**  
2A1523

# Monochromacy



**Original Color**  
2C1033

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
221824

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C1033 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 #2C1033 looks like.

```
.text, #text, p{  
    color:#2C1033  
}
```

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 #2C1033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1033
}
```

## Border

The CSS property to change the border of an element to Hex 2C1033 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
#2C1033 }
```

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

```
.border{ border-color:#2C1033 }
```

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

Here you see how a box with a 4 pixel #2C1033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1033; -webkit-box-shadow:4px 4px  
4px 4px #2C1033; box-shadow:4px 4px 4px  
4px #2C1033 }
```

# Background

The CSS property to change the background color of an element to Hex 2C1033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1033 }
```

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

```
.background{ background-color:#2C1033 }
```

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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