

Converting Colors

Hex(2B133F)

Have a look what the booklet for
Hex(2B133F) contains.

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Color

Hex(2B133F)

Conversions

Conversions Part 1

Format	Color
Hex	2B133F
RGB	43, 19, 63
RGB Percent	17%, 7%, 25%
CMY	0.8314, 0.9255, 0.7529
CMYK	0.32, 0.70, 0.00, 0.75
HSL	273°, 54%, 16%
HSV	273°, 70%, 25%
XYZ	2.1263, 1.3382, 4.8489
YIQ	31.1920, 0.1800, 18.7720

Conversions

Conversions Part 2

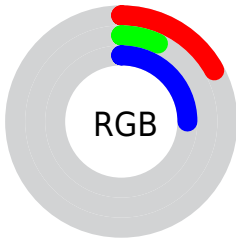
Format	Color
RYB	43, 19, 63
Decimal	2822975
CIELab	11.54, 22.18, -23.41
CIELCh	12, 32.246, 313.455
Yxy	1.3382, 0.2558, 0.1610
Android (android.graphics.Color)	4281013055 (0xFF2B133F)
YUV	31.1920, 15.6813, 10.3556
Hunter-Lab	11.5681, 12.5658, -16.7541




Details

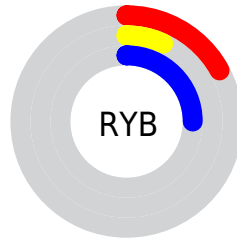
The Hex color **2B133F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **273F13**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **5A3F6F**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **280D3F**, and if you desaturate by 10%, it is **2E193F**.

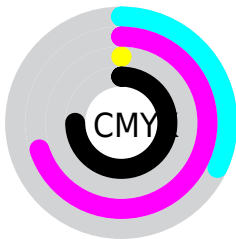
Distribution







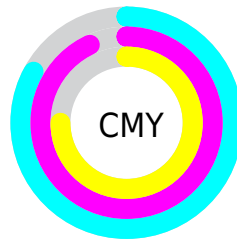
-  Red (17%)
-  Green (7%)
-  Blue (25%)






-  Red (17%)
-  Yellow (7%)
-  Blue (25%)



-  Cyan (32%)
-  Magenta (70%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (83%)
-  Magenta (93%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B133F 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 2B133F by changing the saturation by 10% instead.

 2B133F

 2B133F

 FFF7FF

 190029

 5A3F6F

 000113

 745689

 000000

 8E6FA3

 A889BE

 C4A3DA

 E0BEF7

 FDDAFF

 2B133F

 2B133F

■ 280D3F

■ 2E193F

■ 25063F

■ 31203F

■ 22003F

■ 34263F

■ 362C3F

■ 39333F

■ 3C393F

■ 3F3F3F

■ 42453F

■ 454C3F

Harmonies

Analogous

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



001E4A



2B133F



3F052C

Triad

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



2B133F



311900



002928

Complementary

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



2B133F



273F13

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.



002811



2B133F



1E2100

Square

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



2B133F



3F0D00



042500



00283D

Rectangle

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



2B133F



44011D



042500



002821

Sweetspot

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



2B133F



4A4052



13283F



241F29



A8A8A8



292929

Same Dimension

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



2B133F



320D52



3F133E



1D1C1F



33005E



7900DE

Inverse Universe

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



3F1327



520D2C



133F14



1F1C1D



5E002B



DE0065

Previews

White Background



This preview shows how the Hex color 2B133F looks on a white background.

Color Contrast Check

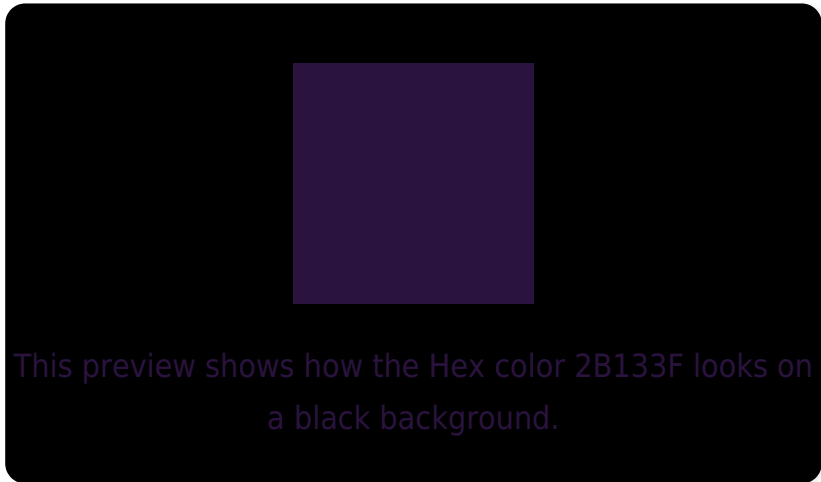
Large Text (above 18pt) WCAG AA ✓ Pass

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

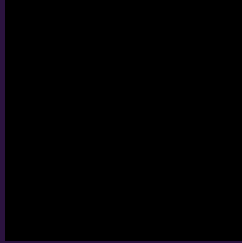
Any Text WCAG AA × Fail

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 2B133F Background



This preview shows how black text looks on a background with the Hex color 2B133F.



This preview shows how white text looks on a background with the Hex color 2B133F.

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
2B133F

Protanopia
001E40

Deuteranopia
002038

Trichromacy



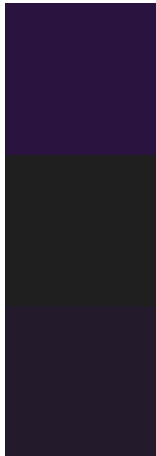
Original Color
2B133F

Protanomaly
101A40

Deuteranomaly
101B3B

Tritanomaly
27192B

Monochromacy



Original Color
2B133F

Achromatopsia
1F1F1F

Achromatomaly
231B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B133F 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 #2B133F looks like.

```
.text, #text, p{  
    color:#2B133F  
}
```

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 #2B133F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B133F
}
```

Border

The CSS property to change the border of an element to Hex 2B133F is called "border". The border property can be set on classes, ids or directly on the HTML element.

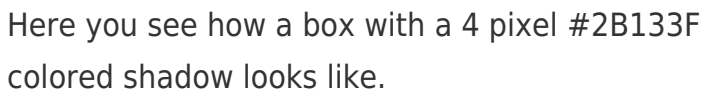
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B133F }
```

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

```
.border{ border-color:#2B133F }
```

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



Here you see how a box with a 4 pixel #2B133F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B133F; -webkit-box-shadow:4px 4px  
4px 4px #2B133F; box-shadow:4px 4px 4px  
4px #2B133F }
```

Background

The CSS property to change the background color of an element to Hex 2B133F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B133F }
```

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

```
.background{ background-color:#2B133F }
```

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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