

# Converting Colors

Hex(2B3064)

Have a look what the booklet for  
Hex(2B3064) contains.

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# Color

**Hex(2B3064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B3064
RGB	43, 48, 100
RGB Percent	17%, 19%, 39%
CMY	0.8314, 0.8118, 0.6078
CMYK	0.57, 0.52, 0.00, 0.61
HSL	235°, 40%, 28%
HSV	235°, 57%, 39%
XYZ	4.3535, 3.5476, 12.5119
YIQ	52.4330, -19.6720, 15.1120

# Conversions

## Conversions Part 2

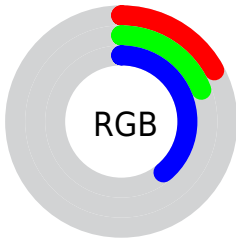
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 48, 100
Decimal	2830436
CIE <sub>Lab</sub>	22.12, 14.61, -31.52
CIE <sub>LCh</sub>	22, 34.737, 294.863
Yxy	3.5476, 0.2133, 0.1738
Android (android.graphics.Color)	4281020516 (0xFF2B3064)
YUV	52.4330, 23.4505, -8.2727
Hunter-Lab	18.8351, 8.2964, -26.2010

# Details

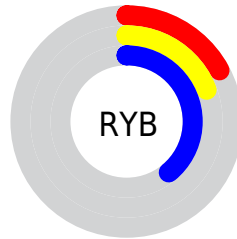
The Hex color **2B3064** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **645F2B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5E5E97**, and **000135** is the 20% darker color. If you saturate the color by 10%, you get **212764**, and if you desaturate by 10%, it is **353964**.

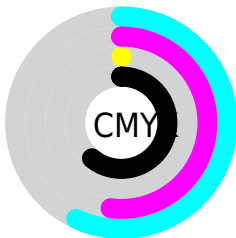
# Distribution



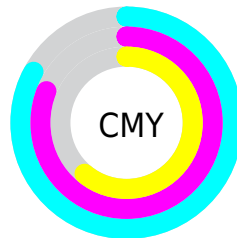
- Red (17%)
- Green (19%)
- Blue (39%)



- Red (17%)
- Yellow (19%)
- Blue (39%)



- Cyan (57%)
- Magenta (52%)
- Yellow (0%)
- Black (61%)



- Cyan (83%)
- Magenta (81%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B3064 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 2B3064 by changing the saturation by 10% instead.





2B3064



2B3064

FFFFFF



101B4C



5E5E97



000135



7776B2



00021F



9290CE



000002



ADABEA



000000



C9C6FF



E6E2FF



FFFEFF



2B3064



2B3064

■ 212764

■ 353964

■ 171E64

■ 3F4264

■ 0D1564

■ 494B64

■ 030C64

■ 535464

■ 000964

■ 5D5E64

■ 676764

■ 717064

■ 7B7964

■ 858264

# Harmonies

## Analogous

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



003968



2B3064



4F2453

# Triad

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



2B3064



572709



004030

# Complementary

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



2B3064



645F2B

# 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.



033E15



2B3064



453200

# Square

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



2B3064



621D21



2D3A00



00414A

# Rectangle

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



2B3064



5C1C43



2D3A00



004027



# Sweetspot

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



2B3064



6C6E82



2B645E



353642



C2C2C2



424242



# Same Dimension

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



2B3064



2A3182



422B64



2E2E33



000A73



0015F2



# Inverse Universe

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



642B30



822A31



4D642B



332E2E



73000A



F20015



# Previews

## White Background



This preview shows how the Hex color 2B3064 looks on a white background.

## Color Contrast Check

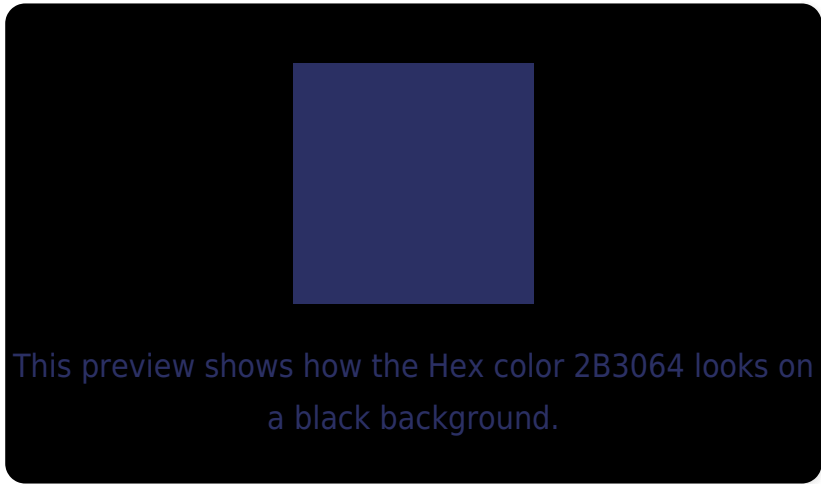
Large Text (above 18pt) WCAG AA ✓ Pass

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

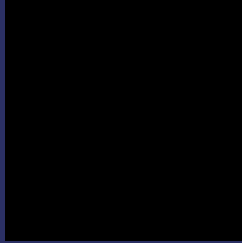
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B3064 Background



This preview shows how black text looks on a background with the Hex color 2B3064.



This preview shows how white text looks on a background with the Hex color 2B3064.

# 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](#).

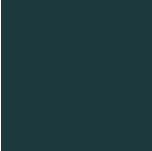
## Dichromacy



**Original Color**  
2B3064

**Protanopia**  
153367

**Deuteranopia**  
00365F



**Tritanopia**  
1C393E

# Trichromacy



**Original Color**  
2B3064

**Protanomaly**  
1D3266

**Deuteranomaly**  
103461

**Tritanomaly**  
21364C

# Monochromacy



**Original Color**  
2B3064

**Achromatopsia**  
343434

**Achromatomaly**  
313345

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B3064 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 #2B3064 looks like.

```
.text, #text, p{  
    color:#2B3064  
}
```

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 #2B3064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3064
}
```

## Border

The CSS property to change the border of an element to Hex 2B3064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

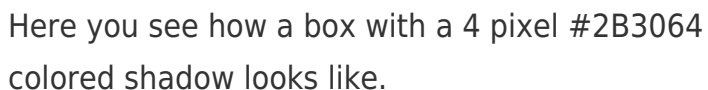
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3064 }
```

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

```
.border{ border-color:#2B3064 }
```

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



Here you see how a box with a 4 pixel #2B3064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3064; -webkit-box-shadow:4px 4px  
4px 4px #2B3064; box-shadow:4px 4px 4px  
4px #2B3064 }
```

# Background

The CSS property to change the background color of an element to Hex 2B3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3064 }
```

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

```
.background{ background-color:#2B3064 }
```

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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