

Converting Colors

Hex(2B4067)

Have a look what the booklet for
Hex(2B4067) contains.

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Color

Hex(2B4067)

Conversions

Conversions Part 1

Format	Color
Hex	2B4067
RGB	43, 64, 103
RGB Percent	17%, 25%, 40%
CMY	0.8314, 0.7490, 0.5961
CMYK	0.58, 0.38, 0.00, 0.60
HSL	219°, 41%, 29%
HSV	219°, 58%, 40%
XYZ	5.2778, 5.1597, 13.5497
YIQ	62.1670, -25.0350, 7.6770

Conversions

Conversions Part 2

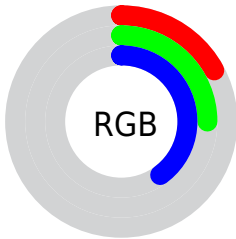
Format	Color
R_{YB}	43, 59, 103
Decimal	2834535
CIE Lab	27.18, 4.61, -25.39
CIE LCh	27, 25.810, 280.296
Yxy	5.1597, 0.2200, 0.2151
Android (android.graphics.Color)	4281024615 (0xFF2B4067)
YUV	62.1670, 20.1307, -16.8095
Hunter-Lab	22.7149, 1.7237, -19.4668

Details

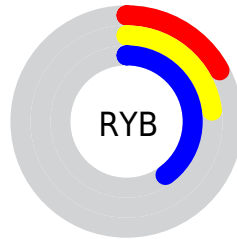
The Hex color **2B4067** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **67522B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5D6F9A**, and **001638** is the 20% darker color. If you saturate the color by 10%, you get **213967**, and if you desaturate by 10%, it is **354767**.

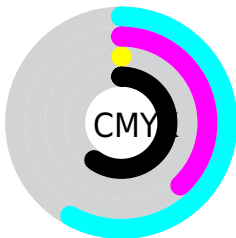
Distribution



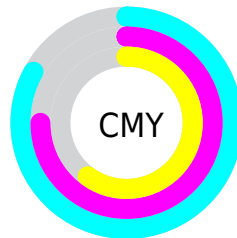
- Red (17%)
- Green (25%)
- Blue (40%)



- Red (17%)
- Yellow (23%)
- Blue (40%)



- Cyan (58%)
- Magenta (38%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4067 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 2B4067 by changing the saturation by 10% instead.

■ 2B4067

■ 2B4067

FFFFFF

■ 102A4F

■ 5D6F9A

■ 001638

■ 7789B5

■ 000222

■ 92A3D1

■ 000008

■ ADBEED

■ 000000

■ C9DAFF

■ E5F6FF

■ 2B4067

■ 2B4067

■ 213967

■ 354767

■ 163367

■ 404D67

■ 0C2C67

■ 4A5467

■ 022567

■ 545B67

■ 002467

■ 5F6167

■ 696867

■ 736F67

■ 7D7667

■ 887C67

Harmonies

Analogous

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



004665



2B4067



4B385E

Triad

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



2B4067



623328



124932

Complementary

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



2B4067



67522B

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.



304621



2B4067



573A1B

Square

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



2B4067



652F3A



454118



004A47

Rectangle

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



2B4067



593354



454118



1E492C

Sweetspot

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



2B4067



707887



2B6752



373C45



C4C4C4



454545

Same Dimension

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



2B4067



294A87



342B67



2E3033



002873



0055F2

Inverse Universe

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



672B40



87294A



5E672B



332E30



730028



F20055

Previews

White Background



This preview shows how the Hex color 2B4067 looks on a white background.

Color Contrast Check

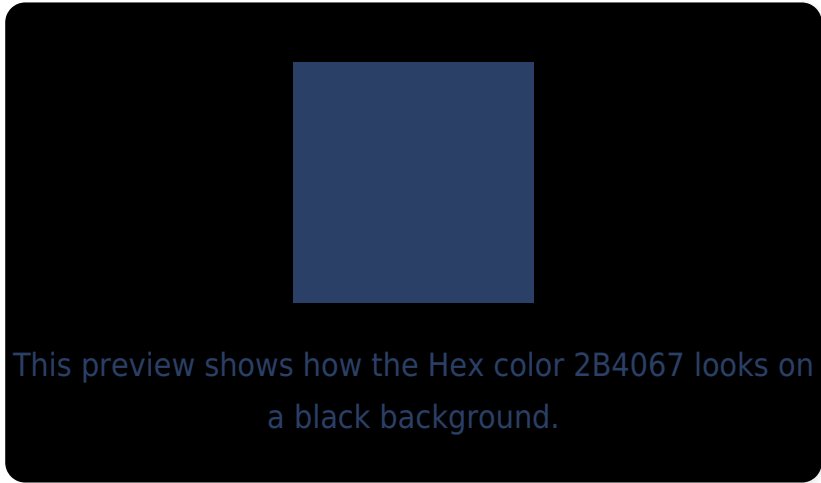
Large Text (above 18pt) WCAG AA ✓ Pass

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

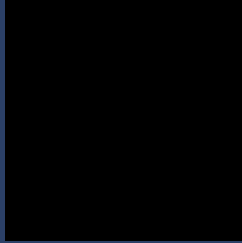
Any Text WCAG AA × Fail

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 2B4067 Background



This preview shows how black text looks on a background with the Hex color 2B4067.



This preview shows how white text looks on a background with the Hex color 2B4067.

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
2B4067

Protanopia
313F66

Deuteranopia
2A4067



Tritanopia
1F464B

Trichromacy



Original Color
2B4067

Protanomaly
2F3F66

Deuteranomaly
2A4067

Tritanomaly
234455

Monochromacy



Original Color
2B4067

Achromatopsia
3E3E3E

Achromatomaly
373F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4067 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 #2B4067 looks like.

```
.text, #text, p{  
    color:#2B4067  
}
```

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 #2B4067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4067
}
```

Border

The CSS property to change the border of an element to Hex 2B4067 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
#2B4067 }
```

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

```
.border{ border-color:#2B4067 }
```

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

Here you see how a box with a 4 pixel #2B4067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4067; -webkit-box-shadow:4px 4px  
4px 4px #2B4067; box-shadow:4px 4px 4px  
4px #2B4067 }
```

Background

The CSS property to change the background color of an element to Hex 2B4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4067 }
```

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

```
.background{ background-color:#2B4067 }
```

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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