

Converting Colors

Hex(2B407F)

Have a look what the booklet for
Hex(2B407F) contains.

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Color

Hex(2B407F)

Conversions

Conversions Part 1

Format	Color
Hex	2B407F
RGB	43, 64, 127
RGB Percent	17%, 25%, 50%
CMY	0.8314, 0.7490, 0.5020
CMYK	0.66, 0.50, 0.00, 0.50
HSL	225°, 49%, 33%
HSV	225°, 66%, 50%
XYZ	6.6604, 5.7127, 20.8303
YIQ	64.9030, -32.7390, 15.1410

Conversions

Conversions Part 2

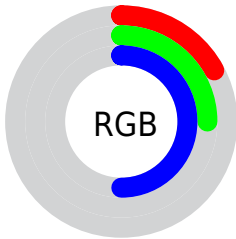
Format	Color
R_{YB}	43, 60, 127
Decimal	2834559
CIE _{Lab}	28.68, 13.57, -38.21
CIE _{LCh}	29, 40.552, 289.550
Yxy	5.7127, 0.2006, 0.1721
Android (android.graphics.Color)	4281024639 (0xFF2B407F)
YUV	64.9030, 30.6138, -19.2089
Hunter-Lab	23.9012, 7.9144, -34.9413




Details

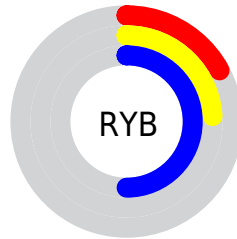
The Hex color **2B407F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7F6A2B**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **626FB4**, and **00174D** is the 20% darker color. If you saturate the color by 10%, you get **1E367F**, and if you desaturate by 10%, it is **384A7F**.

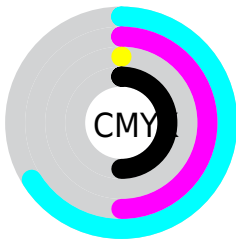
Distribution







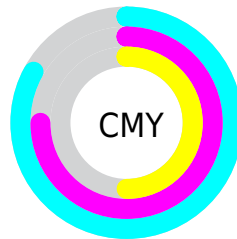
-  Red (17%)
-  Green (25%)
-  Blue (50%)






-  Red (17%)
-  Yellow (24%)
-  Blue (50%)



-  Cyan (66%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (83%)
-  Magenta (75%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B407F 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 2B407F by changing the saturation by 10% instead.

■ 2B407F

■ 2B407F

FFFFFF

■ 062A66

■ 626FB4

■ 00174D

■ 7D89D0

■ 000036

■ 98A3ED

■ 000220

■ B4BEFF

■ 000004

■ D1DAFF

■ 000000

■ EEF6FF

■ 2B407F

■ 2B407F

■ 1E367F

■ 384A7F

■ 122D7F

■ 44537F

■ 05237F

■ 515D7F

■ 00207F

■ 5E667F

■ 6B707F

■ 77797F

■ 84837F

■ 918C7F

■ 9D967F

Harmonies

Analogous

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



004A81



2B407F



5E316D

Triad

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



2B407F



713114



005137

Complementary

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



2B407F



7F6A2B

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.



154E18



2B407F



5B3E00

Square

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



2B407F



7B2431



3F4800



005258

Rectangle

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



2B407F



70285A



3F4800



00512C

Sweetspot

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



2B407F



858DA6



2B7F6A



404554



D4D4D4



545454

Same Dimension

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



2B407F



2344A6



402B7F



393B40



002080



000000

Inverse Universe

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



7F2B40



A62344



6A7F2B



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 2B407F looks on a white background.

Color Contrast Check

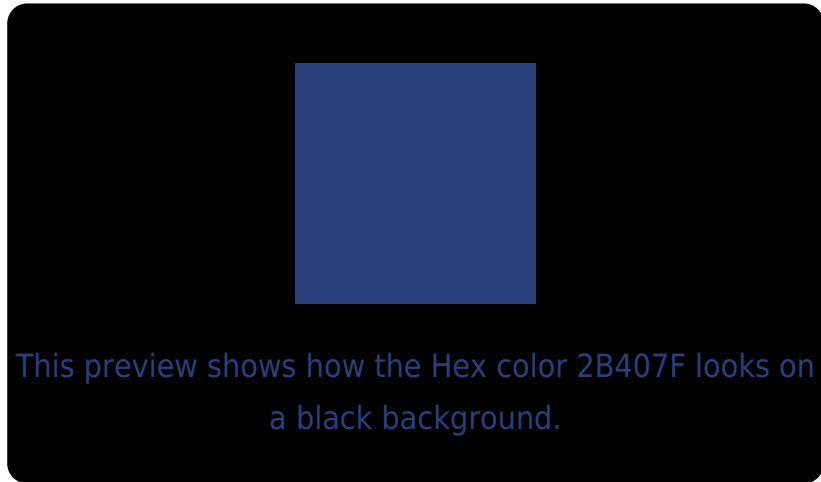
Large Text (above 18pt) WCAG AA ✓ Pass

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

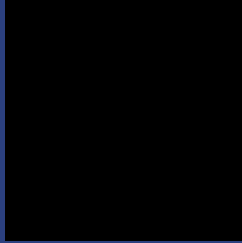
Any Text WCAG AA × Fail

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 2B407F Background



This preview shows how black text looks on a background with the Hex color 2B407F.



This preview shows how white text looks on a background with the Hex color 2B407F.

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





Tritanopia
054B51

Trichromacy



Original Color
2B407F

Protanomaly
244180

Deuteranomaly
10437B

Tritanomaly
134762

Monochromacy



Original Color
2B407F

Achromatopsia
414141

Achromatomaly
394158

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B407F 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 #2B407F looks like.

```
.text, #text, p{  
    color:#2B407F  
}
```

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 #2B407F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B407F
}
```

Border

The CSS property to change the border of an element to Hex 2B407F 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
#2B407F }
```

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

```
.border{ border-color:#2B407F }
```

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

Here you see how a box with a 4 pixel #2B407F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B407F; -webkit-box-shadow:4px 4px  
4px 4px #2B407F; box-shadow:4px 4px 4px  
4px #2B407F }
```

Background

The CSS property to change the background color of an element to Hex 2B407F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B407F }
```

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

```
.background{ background-color:#2B407F }
```

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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