

Converting Colors

Hex(2B4A6B)

Have a look what the booklet for
Hex(2B4A6B) contains.

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Color

Hex(2B4A6B)

Conversions

Conversions Part 1

Format	Color
Hex	2B4A6B
RGB	43, 74, 107
RGB Percent	17%, 29%, 42%
CMY	0.8314, 0.7098, 0.5804
CMYK	0.60, 0.31, 0.00, 0.58
HSL	211°, 43%, 29%
HSV	211°, 60%, 42%
XYZ	6.0989, 6.4727, 14.8378
YIQ	68.4930, -29.0690, 3.6910

Conversions

Conversions Part 2

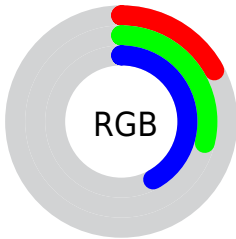
Format	Color
RYB	43, 64, 107
Decimal	2837099
CIELab	30.57, -0.58, -22.62
CIElCh	31, 22.626, 268.530
Yxy	6.4727, 0.2225, 0.2361
Android (android.graphics.Color)	4281027179 (0xFF2B4A6B)
YUV	68.4930, 18.9840, -22.3574
Hunter-Lab	25.4415, -1.7322, -16.7697

Details

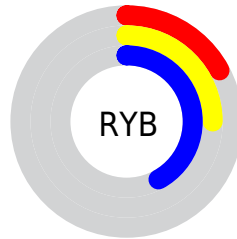
The Hex color **2B4A6B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6B4C2B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5E7A9F**, and **001F3B** is the 20% darker color. If you saturate the color by 10%, you get **20446B**, and if you desaturate by 10%, it is **36506B**.

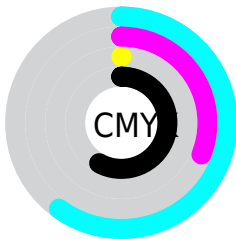
Distribution



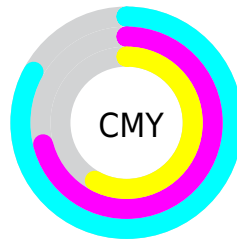
- Red (17%)
- Green (29%)
- Blue (42%)



- Red (17%)
- Yellow (25%)
- Blue (42%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (58%)



- Cyan (83%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4A6B 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 2B4A6B by changing the saturation by 10% instead.

■ 2B4A6B

■ 2B4A6B

FFFFFF

■ 0F3453

■ 5E7A9F

■ 001F3B

■ 7894BA

■ 000526

■ 93AFD5

■ 00010F

■ AECAF2

■ 000000

■ CAE6FF

■ E7FFFF

■ 2B4A6B

■ 2B4A6B

■ 20446B

■ 36506B

■ 163F6B

■ 40556B

■ 0B396B

■ 4B5B6B

■ 00346B

■ 56606B

■ 61666B

■ 6B6B6B

■ 76716B

■ 81766B

■ 8B7C6B

Harmonies

Analogous

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



004F66



2B4A6B



484467

Triad

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



2B4A6B



693B38



2D5035

Complementary

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



2B4A6B



6B4C2B

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.



424C28



2B4A6B



62402A

Square

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



2B4A6B



683A4A



544724



115146

Rectangle

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



2B4A6B



573F5F



544724



344F30

Sweetspot

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



2B4A6B



737F8C



2B6B4B



383F47



C7C7C7



474747

Same Dimension

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



2B4A6B



27588C



2B2B6B



303336



003975



0077F5

Inverse Universe

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



6B2B4A



8C2758



6B6B2B



363033



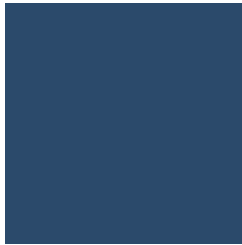
750039



F50077

Previews

White Background



This preview shows how the Hex color 2B4A6B looks on a white background.

Color Contrast Check

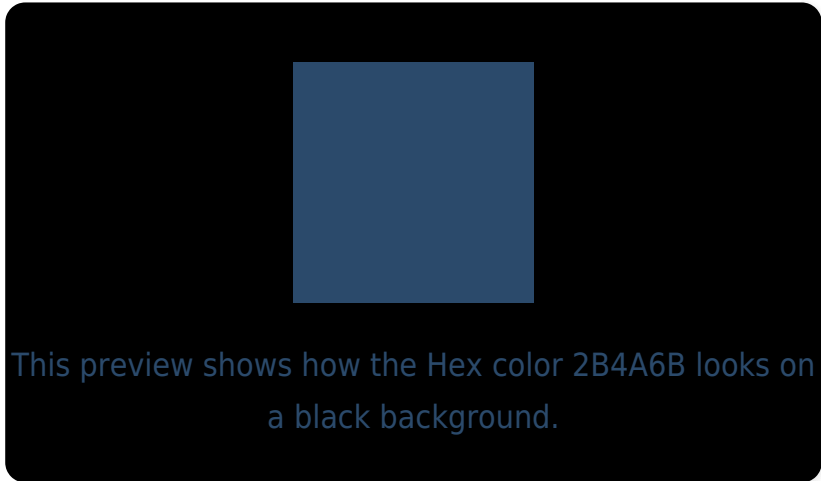
Large Text (above 18pt) WCAG AA ✓ Pass

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

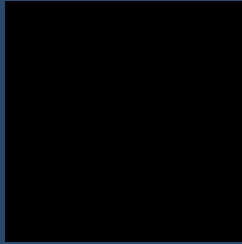
Any Text WCAG AA × Fail

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 2B4A6B Background



This preview shows how black text looks on a background with the Hex color 2B4A6B.

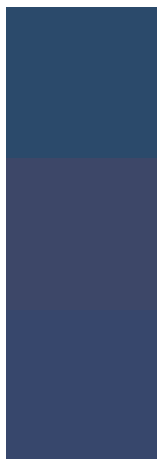


This preview shows how white text looks on a background with the Hex color 2B4A6B.

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
2B4A6B

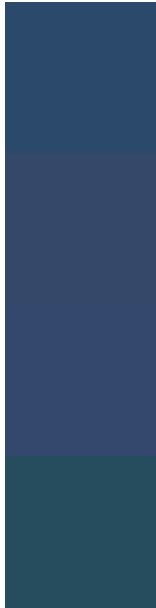
Protanopia
3D4768

Deuteranopia
37476C



Tritanopia
214E55

Trichromacy



Original Color
2B4A6B

Protanomaly
364869

Deuteranomaly
33486C

Tritanomaly
254D5D

Monochromacy



Original Color
2B4A6B

Achromatopsia
444444

Achromatomaly
3B4652

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4A6B 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 #2B4A6B looks like.

```
.text, #text, p{  
    color:#2B4A6B  
}
```

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 #2B4A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4A6B
}
```

Border

The CSS property to change the border of an element to Hex 2B4A6B 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
#2B4A6B }
```

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

```
.border{ border-color:#2B4A6B }
```

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

Here you see how a box with a 4 pixel #2B4A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4A6B; -webkit-box-shadow:4px 4px  
4px 4px #2B4A6B; box-shadow:4px 4px 4px  
4px #2B4A6B }
```

Background

The CSS property to change the background color of an element to Hex 2B4A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4A6B }
```

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

```
.background{ background-color:#2B4A6B }
```

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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