

Converting Colors

Hex(2B4D69)

Have a look what the booklet for
Hex(2B4D69) contains.

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Color

Hex(2B4D69)

Conversions

Conversions Part 1

Format	Color
Hex	2B4D69
RGB	43, 77, 105
RGB Percent	17%, 30%, 41%
CMY	0.8314, 0.6980, 0.5882
CMYK	0.59, 0.27, 0.00, 0.59
HSL	207°, 42%, 29%
HSV	207°, 59%, 41%
XYZ	6.1999, 6.8413, 14.3583
YIQ	70.0260, -29.2520, 1.5000

Conversions

Conversions Part 2

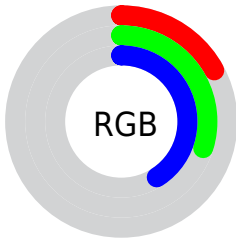
Format	Color
R_{YB}	43, 65, 105
Decimal	2837865
CIE _{Lab}	31.44, -3.22, -20.00
CIE _{LCh}	31, 20.259, 260.851
Yxy	6.8413, 0.2263, 0.2497
Android (android.graphics.Color)	4281027945 (0xFF2B4D69)
YUV	70.0260, 17.2422, -23.7018
Hunter-Lab	26.1558, -3.4613, -14.2384

Details

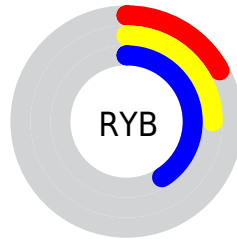
The Hex color **2B4D69** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **69472B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5E7E9C**, and **00213A** is the 20% darker color. If you saturate the color by 10%, you get **214869**, and if you desaturate by 10%, it is **365269**.

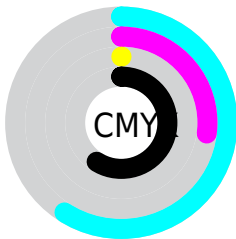
Distribution



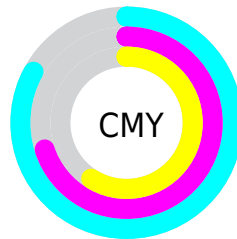
- Red (17%)
- Green (30%)
- Blue (41%)



- Red (17%)
- Yellow (25%)
- Blue (41%)



- Cyan (59%)
- Magenta (27%)
- Yellow (0%)
- Black (59%)



- Cyan (83%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4D69 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 2B4D69 by changing the saturation by 10% instead.

■ 2B4D69

■ 2B4D69

FFFFFF

■ 0F3651

■ 5E7E9C

■ 00213A

■ 7898B7

■ 000A24

■ 92B2D3

■ 00010D

■ AECEEF

■ 000000

■ CAEAFF

■ E6FFFF

■ 2B4D69

■ 2B4D69

■ 214869

■ 365269

■ 164469

■ 405669

■ 0C3F69

■ 4B5B69

■ 013A69

■ 556069

■ 003A69

■ 606569

■ 6A6969

■ 756E69

■ 7F7369

■ 8A7869

Harmonies

Analogous

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



115162



2B4D69



454868

Triad

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



2B4D69



693E3F



375035

Complementary

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



2B4D69



69472B

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.



494C2C



2B4D69



644232

Square

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



2B4D69



663E50



59472B



235244

Rectangle

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



2B4D69



534462



59472B



3D4F31

Sweetspot

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



2B4D69



717F8A



2B6947



363E45



C4C4C4



454545

Same Dimension

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



2B4D69



285E8A



2B2E69



303336



004075



0086F5

Inverse Universe

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



692B4D



8A285E



69662B



363033



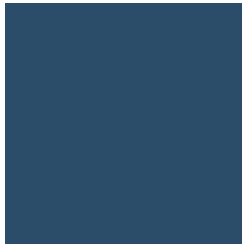
750040



F50086

Previews

White Background



This preview shows how the Hex color 2B4D69 looks on a white background.

Color Contrast Check

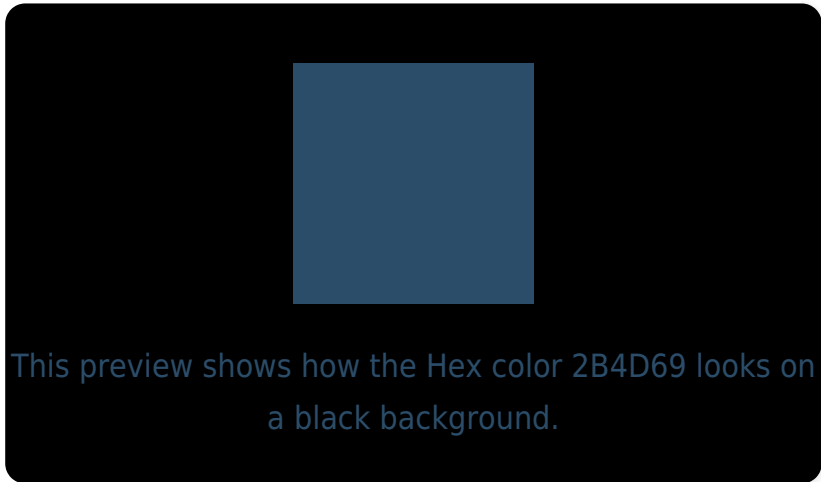
Large Text (above 18pt) WCAG AA ✓ Pass

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

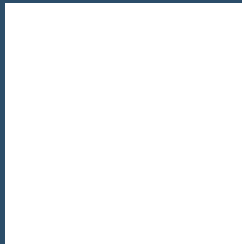
Any Text WCAG AAA × Fail

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

Hex 2B4D69 Background



This preview shows how black text looks on a background with the Hex color 2B4D69.

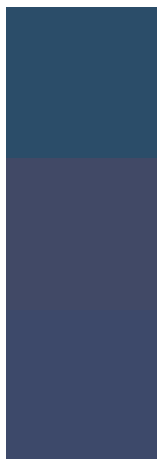


This preview shows how white text looks on a background with the Hex color 2B4D69.

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

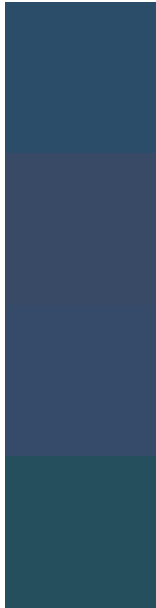


Original Color
2B4D69

Protanopia
414966

Deuteranopia
3D496A

Trichromacy



Original Color
2B4D69

Protanomaly
394A67

Deuteranomaly
364A6A

Tritanomaly
264F5E

Monochromacy



Original Color
2B4D69

Achromatopsia
464646

Achromatomaly
3C4953

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4D69 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 #2B4D69 looks like.

```
.text, #text, p{  
    color:#2B4D69  
}
```

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 #2B4D69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4D69
}
```

Border

The CSS property to change the border of an element to Hex 2B4D69 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
#2B4D69 }
```

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

```
.border{ border-color:#2B4D69 }
```

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

Here you see how a box with a 4 pixel #2B4D69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4D69; -webkit-box-shadow:4px 4px  
4px 4px #2B4D69; box-shadow:4px 4px 4px  
4px #2B4D69 }
```

Background

The CSS property to change the background color of an element to Hex 2B4D69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4D69 }
```

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

```
.background{ background-color:#2B4D69 }
```

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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