

Converting Colors

Hex(2B4D82)

Have a look what the booklet for
Hex(2B4D82) contains.

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Color

Hex(2B4D82)

Conversions

Conversions Part 1

Format	Color
Hex	2B4D82
RGB	43, 77, 130
RGB Percent	17%, 30%, 51%
CMY	0.8314, 0.6980, 0.4902
CMYK	0.67, 0.41, 0.00, 0.49
HSL	217°, 50%, 34%
HSV	217°, 67%, 51%
XYZ	7.6794, 7.4331, 22.1491
YIQ	72.8760, -37.2770, 9.2750

Conversions

Conversions Part 2

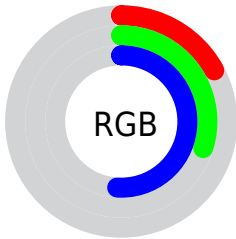
Format	Color
R_{YB}	43, 67, 130
Decimal	2837890
CIE _{Lab}	32.77, 5.93, -33.53
CIE _{LCh}	33, 34.052, 280.023
Yxy	7.4331, 0.2061, 0.1995
Android (android.graphics.Color)	4281027970 (0xFF2B4D82)
YUV	72.8760, 28.1621, -26.2013
Hunter-Lab	27.2636, 2.5671, -29.0829

Details

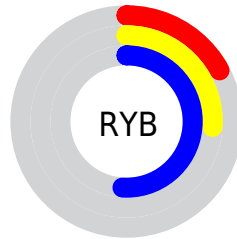
The Hex color **2B4D82** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **82602B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **627EB7**, and **002250** is the 20% darker color. If you saturate the color by 10%, you get **1E4582**, and if you desaturate by 10%, it is **385582**.

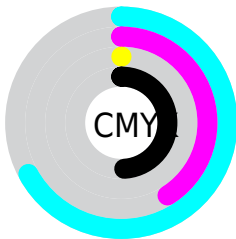
Distribution



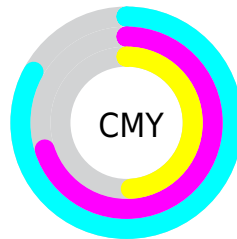
- Red (17%)
- Green (30%)
- Blue (51%)



- Red (17%)
- Yellow (26%)
- Blue (51%)



- Cyan (67%)
- Magenta (41%)
- Yellow (0%)
- Black (49%)



- Cyan (83%)
- Magenta (70%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4D82 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 2B4D82 by changing the saturation by 10% instead.

■ 2B4D82

■ 2B4D82

FFFFFF

■ 053769

■ 627EB7

■ 002250

■ 7D97D3

■ 000A39

■ 98B2F0

■ 000223

■ B4CDFF

■ 000009

■ D1EAFB

■ 000000

■ EEEFFF

■ 2B4D82

■ 2B4D82

■ 1E4582

■ 385582

■ 113D82

■ 455D82

■ 043582

■ 526582

■ 003382

■ 5F6D82

■ 6C7582

■ 797D82

■ 868482

■ 938C82

■ A09482

Harmonies

Analogous

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



00557F



2B4D82



5A4276

Triad

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



2B4D82



7A3B2C



00593A

Complementary

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



2B4D82



82602B

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.



365522



2B4D82



6A4519

Square

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



2B4D82



7E3545



534F14



005A56

Rectangle

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



2B4D82



6E3B68



534F14



1B5831

Sweetspot

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



2B4D82



8794A8



2B825F



404854



D4D4D4



545454

Same Dimension

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



2B4D82



2256A8



342B82



393C40



003280



000000

Inverse Universe

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



822B4D



A82256



79822B



40393C



800032



000000

Previews

White Background



This preview shows how the Hex color 2B4D82 looks on a white background.

Color Contrast Check

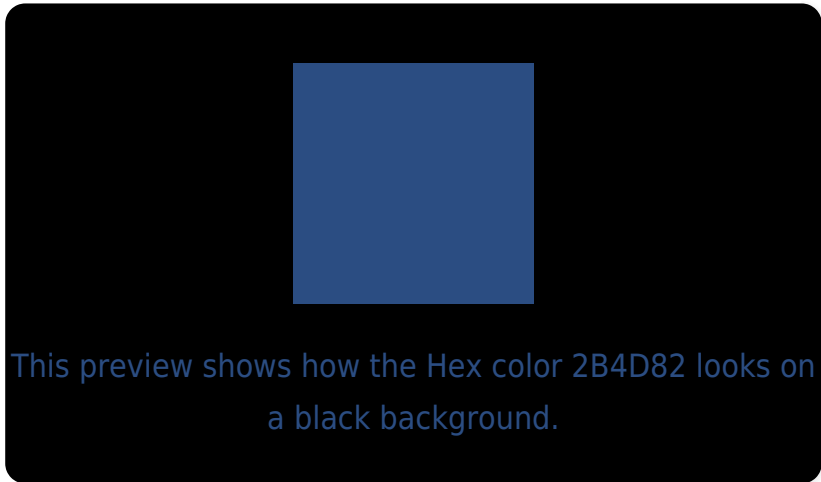
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B4D82 Background



This preview shows how black text looks on a background with the Hex color 2B4D82.



This preview shows how white text looks on a background with the Hex color 2B4D82.

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
2B4D82

Protanopia
374B80

Deuteranopia
274E82



Tritanopia
10555C

Trichromacy



Original Color
2B4D82

Protanomaly
334C81

Deuteranomaly
284E82

Tritanomaly
1A526A

Monochromacy



Original Color
2B4D82

Achromatopsia
494949

Achromatomaly
3E4A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4D82 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 #2B4D82 looks like.

```
.text, #text, p{  
    color:#2B4D82  
}
```

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 #2B4D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4D82
}
```

Border

The CSS property to change the border of an element to Hex 2B4D82 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
#2B4D82 }
```

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

```
.border{ border-color:#2B4D82 }
```

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

Here you see how a box with a 4 pixel #2B4D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4D82; -webkit-box-shadow:4px 4px  
4px 4px #2B4D82; box-shadow:4px 4px 4px  
4px #2B4D82 }
```

Background

The CSS property to change the background color of an element to Hex 2B4D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4D82 }
```

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

```
.background{ background-color:#2B4D82 }
```

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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