

Converting Colors

Hex(2B68B2)

Have a look what the booklet for
Hex(2B68B2) contains.

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Color

Hex(2B68B2)

Conversions

Conversions Part 1

Format	Color
Hex	2B68B2
RGB	43, 104, 178
RGB Percent	17%, 41%, 70%
CMY	0.8314, 0.5922, 0.3020
CMYK	0.76, 0.42, 0.00, 0.30
HSL	213°, 61%, 43%
HSV	213°, 76%, 70%
XYZ	13.9825, 13.6286, 44.0131
YIQ	94.1970, -60.1100, 10.0820

Conversions

Conversions Part 2

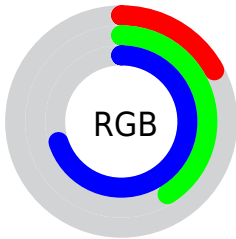
Format	Color
R _Y B	43, 85, 178
Decimal	2844850
CIE Lab	43.70, 6.64, -44.95
CIE LCh	44, 45.443, 278.402
Yxy	13.6286, 0.1952, 0.1903
Android (android.graphics.Color)	4281034930 (0xFF2B68B2)
YUV	94.1970, 41.3149, -44.8998
Hunter-Lab	36.9169, 3.0032, -44.8450

Details

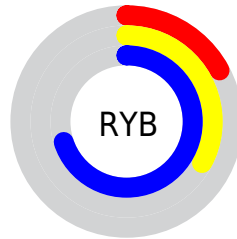
The Hex color **2B68B2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B2752B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6B9BEA**, and **003A7D** is the 20% darker color. If you saturate the color by 10%, you get **195EB2**, and if you desaturate by 10%, it is **3D72B2**.

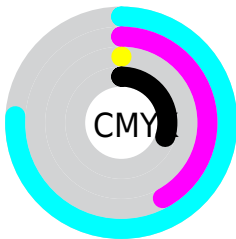
Distribution



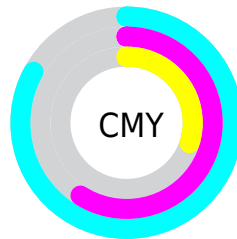
- Red (17%)
- Green (41%)
- Blue (70%)



- Red (17%)
- Yellow (33%)
- Blue (70%)



- Cyan (76%)
- Magenta (42%)
- Yellow (0%)
- Black (30%)



- Cyan (83%)
- Magenta (59%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B68B2 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 2B68B2 by changing the saturation by 10% instead.

■ 2B68B2

■ 2B68B2

FFFFFF

■ 005097

■ 6B9BEA

■ 003A7D

■ 89B5FF

■ 002563

■ A6D1FF

■ 00104B

■ C3EDFF

■ 000434

■ E1FFFF

■ 00021D

■ 000000

■ 2B68B2

■ 2B68B2

■ 195EB2

■ 3D72B2

0754B2

4F7CB2

0050B2

6085B2

728FB2

8499B2

96A3B2

A8ACB2

B9B6B2

CBC0B2

Harmonies

Analogous

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



0073AD



2B68B2



7759A3

Triad

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



2B68B2



A64C3A



00774A

Complementary

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



2B68B2



B2752B

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.



497228



2B68B2



915B1E

Square

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



2B68B2



AC445E



716914



007971

Rectangle

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



2B68B2



934E8F



716914



20763E

Sweetspot

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



2B68B2



B3CBE8



2BB273



546375



F5F5F5



757575

Same Dimension

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



2B68B2



1574E8



302BB2



505459



004599



000C1A

Inverse Universe

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



B22B68



E81574



AEB22B



595054



990045



1A000C

Previews

White Background



This preview shows how the Hex color 2B68B2 looks on a white background.

Color Contrast Check

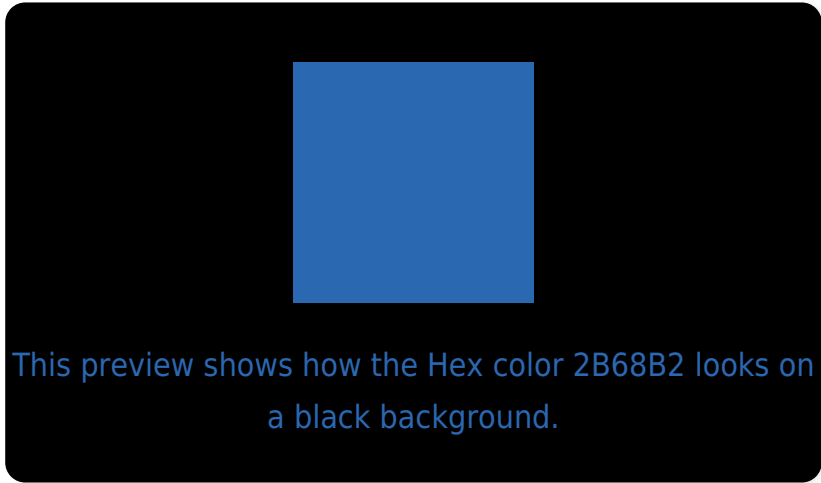
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

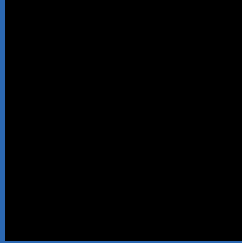
Any Text WCAG AA × Fail

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 2B68B2 Background



This preview shows how black text looks on a background with the Hex color 2B68B2.



This preview shows how white text looks on a background with the Hex color 2B68B2.

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](#).

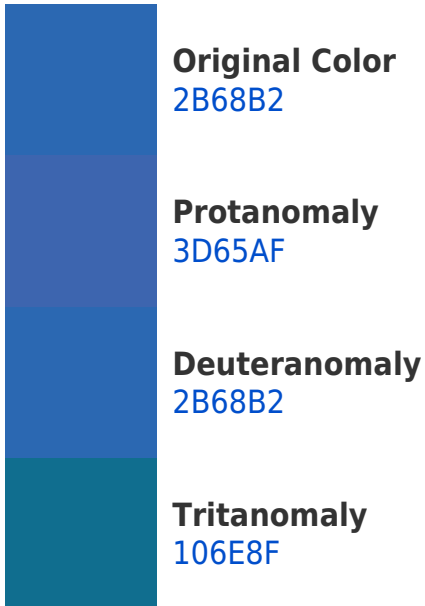
Dichromacy



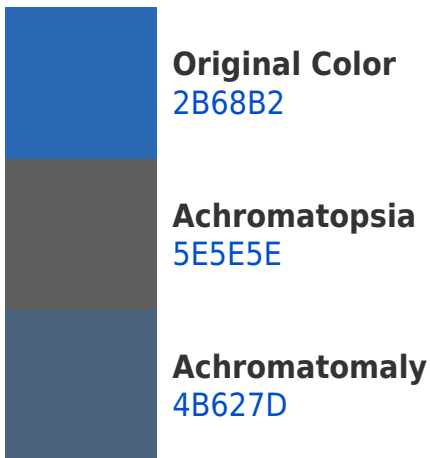


Tritanopia
00727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B68B2 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 #2B68B2 looks like.

```
.text, #text, p{  
    color:#2B68B2  
}
```

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 #2B68B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B68B2
}
```

Border

The CSS property to change the border of an element to Hex 2B68B2 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
#2B68B2 }
```

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

```
.border{ border-color:#2B68B2 }
```

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

Here you see how a box with a 4 pixel #2B68B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B68B2; -webkit-box-shadow:4px 4px  
4px 4px #2B68B2; box-shadow:4px 4px 4px  
4px #2B68B2 }
```

Background

The CSS property to change the background color of an element to Hex 2B68B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B68B2 }
```

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

```
.background{ background-color:#2B68B2 }
```

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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