

Converting Colors

Hex(2B348B)

Have a look what the booklet for
Hex(2B348B) contains.

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Color

Hex(2B348B)

Conversions

Conversions Part 1

Format	Color
Hex	2B348B
RGB	43, 52, 139
RGB Percent	17%, 20%, 55%
CMY	0.8314, 0.7961, 0.4549
CMYK	0.69, 0.63, 0.00, 0.45
HSL	234°, 53%, 36%
HSV	234°, 69%, 55%
XYZ	6.8845, 4.8337, 24.9962
YIQ	59.2270, -33.2910, 25.1490

Conversions

Conversions Part 2

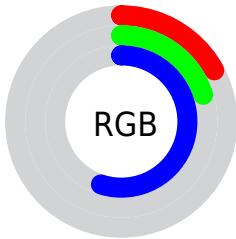
Format	Color
R_{YB}	43, 51, 139
Decimal	2831499
CIE _{Lab}	26.26, 26.29, -49.61
CIE _{LCh}	26, 56.143, 297.920
Yxy	4.8337, 0.1875, 0.1317
Android (android.graphics.Color)	4281021579 (0xFF2B348B)
YUV	59.2270, 39.3281, -14.2311
Hunter-Lab	21.9856, 17.4198, -52.0192

Details

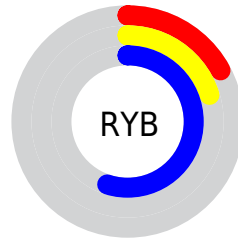
The Hex color **2B348B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B822B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6562C1**, and **000B58** is the 20% darker color. If you saturate the color by 10%, you get **1D278B**, and if you desaturate by 10%, it is **39418B**.

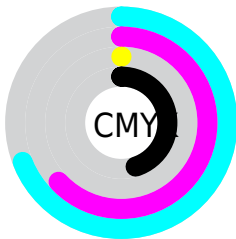
Distribution



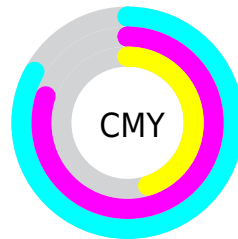
- Red (17%)
- Green (20%)
- Blue (55%)



- Red (17%)
- Yellow (20%)
- Blue (55%)



- Cyan (69%)
- Magenta (63%)
- Yellow (0%)
- Black (45%)



- Cyan (83%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B348B 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 2B348B by changing the saturation by 10% instead.

■ 2B348B

■ 2B348B

FFFFFF

■ 001F71

■ 6562C1

■ 000B58

■ 817BDE

■ 000040

■ 9D95FA

■ 000329

■ B9B0FF

■ 000113

■ D6CBFF

■ 000000

■ F4E7FF

■ 2B348B

■ 2B348B

■ 1D278B

■ 39418B

■ 0F1B8B

■ 474D8B

■ 010E8B

■ 555A8B

■ 000D8B

■ 63668B

■ 71738B

■ 7E808B

■ 8C8C8B

■ 9A998B

■ A8A58B

Harmonies

Analogous

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



004595



2B348B



6C156C

Triad

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



2B348B



6F2700



004F3A

Complementary

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



2B348B



8B822B

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.



004C09



2B348B



503C00

Square

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



2B348B



830019



264700



004F65

Rectangle

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



2B348B



7F0051



264700



004E2B

Sweetspot

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



2B348B



8F93B5



2B8B81



45475C



DBDBDB



5C5C5C

Same Dimension

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



2B348B



1F2DB5



512B8B



3E3F45



000C85



000005

Inverse Universe

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



8B2B34



B51F2D



658B2B



453E3F



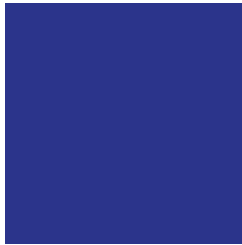
85000C



050000

Previews

White Background



This preview shows how the Hex color 2B348B looks on a white background.

Color Contrast Check

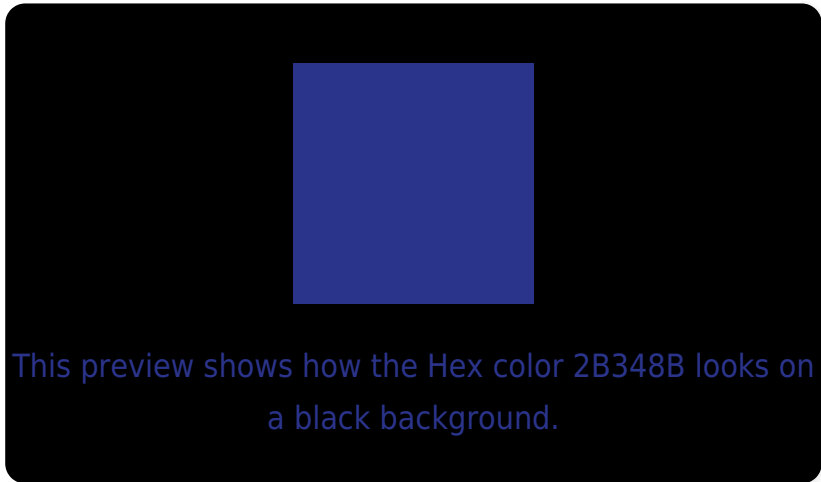
Large Text (above 18pt) WCAG AA ✓ Pass

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

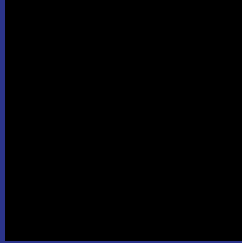
Any Text WCAG AA × Fail

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 2B348B Background



This preview shows how black text looks on a background with the Hex color 2B348B.



This preview shows how white text looks on a background with the Hex color 2B348B.

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
2B348B

Protanopia
003C7F

Deuteranopia
00406D



Tritanopia
00454A

Trichromacy



Original Color
2B348B

Protanomaly
103983

Deuteranomaly
103C78

Tritanomaly
103F62

Monochromacy



Original Color
2B348B

Achromatopsia
3B3B3B

Achromatomaly
353858

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B348B 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 #2B348B looks like.

```
.text, #text, p{  
    color:#2B348B  
}
```

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 #2B348B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B348B
}
```

Border

The CSS property to change the border of an element to Hex 2B348B 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
#2B348B }
```

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

```
.border{ border-color:#2B348B }
```

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

Here you see how a box with a 4 pixel #2B348B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B348B; -webkit-box-shadow:4px 4px  
4px 4px #2B348B; box-shadow:4px 4px 4px  
4px #2B348B }
```

Background

The CSS property to change the background color of an element to Hex 2B348B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B348B }
```

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

```
.background{ background-color:#2B348B }
```

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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