

Converting Colors

Hex(2B2BA4)

Have a look what the booklet for
Hex(2B2BA4) contains.

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Color

Hex(2B2BA4)

Conversions

Conversions Part 1

Format	Color
Hex	2B2BA4
RGB	43, 43, 164
RGB Percent	17%, 17%, 64%
CMY	0.8314, 0.8314, 0.3569
CMYK	0.74, 0.74, 0.00, 0.36
HSL	240°, 58%, 41%
HSV	240°, 74%, 64%
XYZ	8.5610, 4.9217, 35.6207
YIQ	56.7940, -38.8410, 37.6310

Conversions

Conversions Part 2

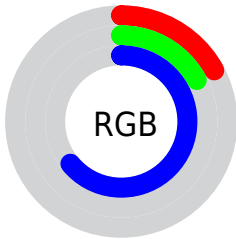
Format	Color
R_{YB}	43, 43, 164
Decimal	2829220
CIE _{Lab}	26.51, 40.89, -64.52
CIE _{LCh}	27, 76.384, 302.370
Yxy	4.9217, 0.1743, 0.1002
Android (android.graphics.Color)	4281019300 (0xFF2B2BA4)
YUV	56.7940, 52.8526, -12.0973
Hunter-Lab	22.1849, 30.0583, -79.6685

Details

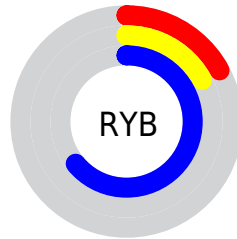
The Hex color **2B2BA4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A4A42B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6C5ADC**, and **00016F** is the 20% darker color. If you saturate the color by 10%, you get **1B1BA4**, and if you desaturate by 10%, it is **3B3BA4**.

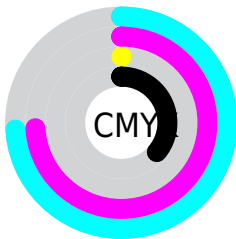
Distribution



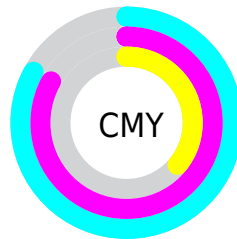
- Red (17%)
- Green (17%)
- Blue (64%)



- Red (17%)
- Yellow (17%)
- Blue (64%)



- Cyan (74%)
- Magenta (74%)
- Yellow (0%)
- Black (36%)



- Cyan (83%)
- Magenta (83%)
- Yellow (36%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2BA4 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 2B2BA4 by changing the saturation by 10% instead.

■ 2B2BA4

■ 2B2BA4

FFFFFF

■ 001589

■ 6C5ADC

■ 00016F

■ 8973F9

■ 000056

■ A68DFF

■ 00063D

■ C4A7FF

■ 000326

■ E2C3FF

■ 000110

■ FFDFFF

■ 000000

■ FFFCFF

■ 2B2BA4

■ 2B2BA4

■ 1B1BA4

■ 3B3BA4

■ 0A0AA4

■ 4C4CA4

■ 0000A4

■ 5C5CA4

■ 6D6DA4

■ 7D7DA4

■ 8D8DA4

■ 9E9EA4

■ AEAEA4

■ BFBFA4

Harmonies

Analogous

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



0047B7



2B2BA4



830076

Triad

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



2B2BA4



762100



005342

Complementary

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



2B2BA4



A4A42B

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.



005100



2B2BA4



4A3F00

Square

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



2B2BA4



940000



004B00



00547D

Rectangle

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



2B2BA4



980050



004B00



00522D

Sweetspot

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



2B2BA4



A7A7D6



2BA4A4



4F4F6B



EBEBEB



6B6B6B

Same Dimension

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



2B2BA4



1818D6



672BA4



494952



000091



000012

Inverse Universe

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



A42BA4



D618D6



67A42B



524952



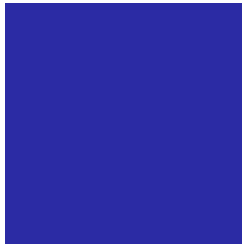
910091



120012

Previews

White Background



This preview shows how the Hex color 2B2BA4 looks on a white background.

Color Contrast Check

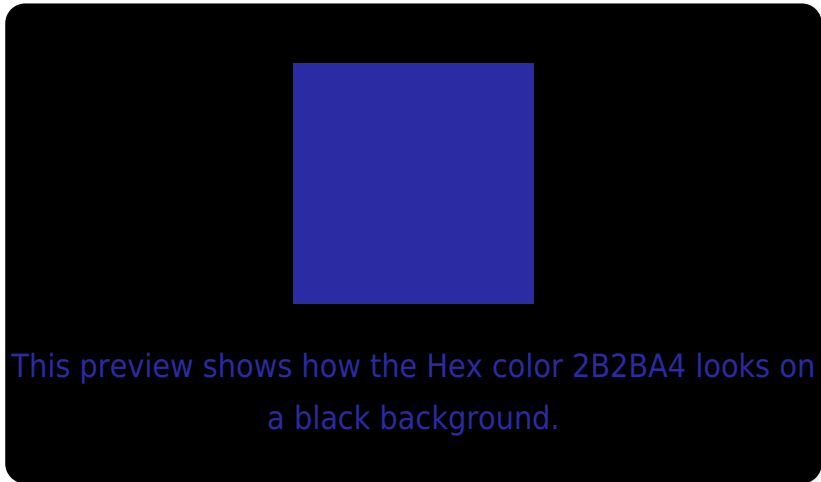
Large Text (above 18pt) WCAG AA ✓ Pass

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

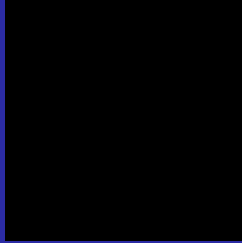
Any Text WCAG AA × Fail

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 2B2BA4 Background



This preview shows how black text looks on a background with the Hex color 2B2BA4.



This preview shows how white text looks on a background with the Hex color 2B2BA4.

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
2B2BA4

Protanopia
003D80

Deuteranopia
00416D



Tritanopia
00464A

Trichromacy



Original Color
2B2BA4

Protanomaly
10368D

Deuteranomaly
103981

Tritanomaly
103C6B

Monochromacy



Original Color
2B2BA4

Achromatopsia
393939

Achromatomaly
343460

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2BA4 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 #2B2BA4 looks like.

```
.text, #text, p{  
    color:#2B2BA4  
}
```

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 #2B2BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2BA4
}
```

Border

The CSS property to change the border of an element to Hex 2B2BA4 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
#2B2BA4 }
```

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

```
.border{ border-color:#2B2BA4 }
```

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

Here you see how a box with a 4 pixel #2B2BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2BA4; -webkit-box-shadow:4px 4px  
4px 4px #2B2BA4; box-shadow:4px 4px 4px  
4px #2B2BA4 }
```

Background

The CSS property to change the background color of an element to Hex 2B2BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2BA4 }
```

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

```
.background{ background-color:#2B2BA4 }
```

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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