

Converting Colors

Hex(2B28A4)

Have a look what the booklet for
Hex(2B28A4) contains.

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Color

Hex(2B28A4)

Conversions

Conversions Part 1

Format	Color
Hex	2B28A4
RGB	43, 40, 164
RGB Percent	17%, 16%, 64%
CMY	0.8314, 0.8431, 0.3569
CMYK	0.74, 0.76, 0.00, 0.36
HSL	241°, 61%, 40%
HSV	241°, 76%, 64%
XYZ	8.4559, 4.7115, 35.5857
YIQ	55.0330, -38.0160, 39.2000

Conversions

Conversions Part 2

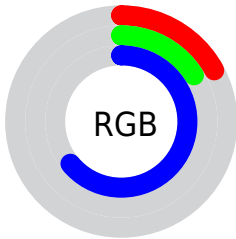
Format	Color
R_{YB}	43, 40, 164
Decimal	2828452
CIE _{Lab}	25.90, 42.62, -65.53
CIE _{LCh}	26, 78.169, 303.040
Yxy	4.7115, 0.1734, 0.0966
Android (android.graphics.Color)	4281018532 (0xFF2B28A4)
YUV	55.0330, 53.7207, -10.5529
Hunter-Lab	21.7060, 31.5517, -82.0082

Details

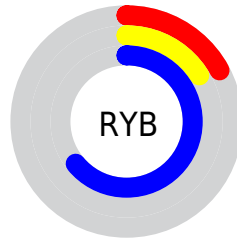
The Hex color **2B28A4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A1A428**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6C57DC**, and **00006F** is the 20% darker color. If you saturate the color by 10%, you get **1B18A4**, and if you desaturate by 10%, it is **3B38A4**.

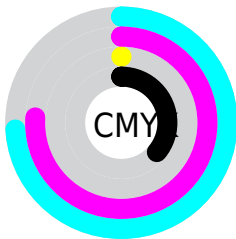
Distribution



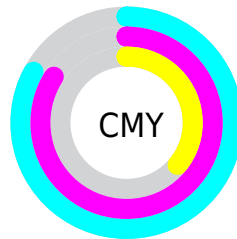
- Red (17%)
- Green (16%)
- Blue (64%)



- Red (17%)
- Yellow (16%)
- Blue (64%)



- Cyan (74%)
- Magenta (76%)
- Yellow (0%)
- Black (36%)



- Cyan (83%)
- Magenta (84%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B28A4 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 2B28A4 by changing the saturation by 10% instead.

■ 2B28A4

■ 2B28A4

FFFFFF

■ 001289

■ 6C57DC

■ 00006F

■ 8970F9

■ 000056

■ A78AFF

■ 00063D

■ C4A5FF

■ 000326

■ E2C0FF

■ 00010F

■ FFDCFF

■ 000000

■ FFF9FF

■ 2B28A4

■ 2B28A4

■ 1B18A4

■ 3B38A4

■ 0B07A4

■ 4B49A4

■ 0400A4

■ 5B59A4

■ 6B6AA4

■ 7B7AA4

■ 8B8AA4

■ 9B9BA4

■ ABABA4

■ BBBCA4

Harmonies

Analogous

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



0046B8



2B28A4



840075

Triad

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



2B28A4



742000



005142

Complementary

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



2B28A4



A1A428

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.



004F00



2B28A4



473E00

Square

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



2B28A4



940000



004A00



00537E

Rectangle

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



2B28A4



98004E



004A00



00512D

Sweetspot

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



2B28A4



A6A5D6



28A2A4



4E4D6B



EBEBEB



6B6B6B

Same Dimension

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



2B28A4



1813D6



6828A4



4A4952



040091



000012

Inverse Universe

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



A428A1



D613D1



64A428



524951



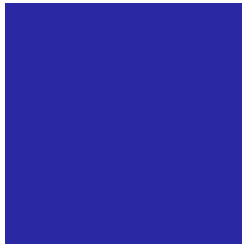
91008E



120011

Previews

White Background



This preview shows how the Hex color 2B28A4 looks on a white background.

Color Contrast Check

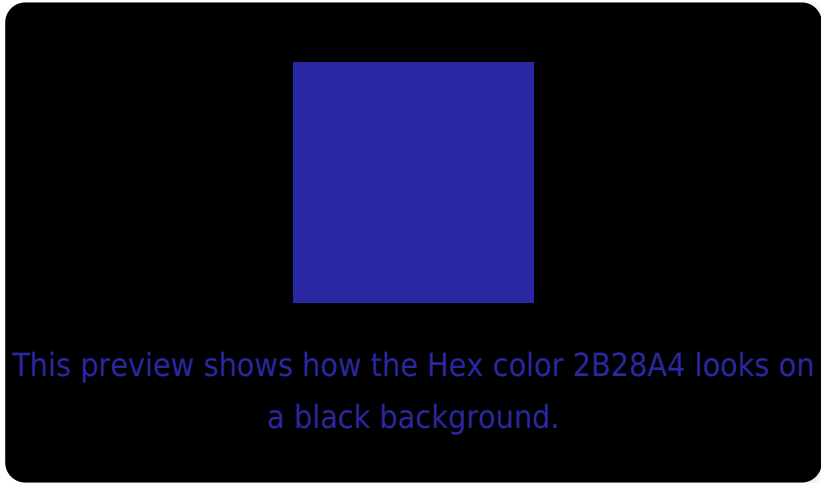
Large Text (above 18pt) WCAG AA ✓ Pass

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

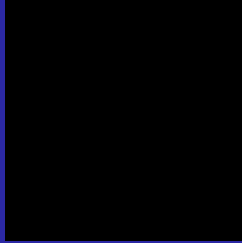
Any Text WCAG AA × Fail

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 2B28A4 Background



This preview shows how black text looks on a background with the Hex color 2B28A4.



This preview shows how white text looks on a background with the Hex color 2B28A4.

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
2B28A4

Protanopia
003B7D

Deuteranopia
003F6A

Trichromacy



Original Color
2B28A4

Protanomaly
10348B

Deuteranomaly
10377F

Tritanomaly
103A69

Monochromacy



Original Color
2B28A4

Achromatopsia
373737

Achromatomaly
33325F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B28A4 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 #2B28A4 looks like.

```
.text, #text, p{  
    color:#2B28A4  
}
```

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 #2B28A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B28A4
}
```

Border

The CSS property to change the border of an element to Hex 2B28A4 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".

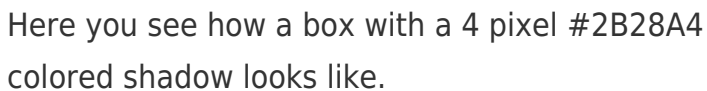
```
.border, #border, table{ border:4px solid
#2B28A4 }
```

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

```
.border{ border-color:#2B28A4 }
```

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

Here you see how a box with a 4 pixel #2B28A4 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B28A4; -webkit-box-shadow:4px 4px  
4px 4px #2B28A4; box-shadow:4px 4px 4px  
4px #2B28A4 }
```

Background

The CSS property to change the background color of an element to Hex 2B28A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B28A4 }
```

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

```
.background{ background-color:#2B28A4 }
```

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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