

Converting Colors

Hex(2B219E)

Have a look what the booklet for
Hex(2B219E) contains.

Hex(2B219E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B219E)

Conversions

Conversions Part 1

Format	Color
Hex	2B219E
RGB	43, 33, 158
RGB Percent	17%, 13%, 62%
CMY	0.8314, 0.8706, 0.3804
CMYK	0.73, 0.79, 0.00, 0.38
HSL	245°, 65%, 37%
HSV	245°, 79%, 62%
XYZ	7.7117, 4.0699, 32.7269
YIQ	50.2400, -34.1650, 40.9950

Conversions

Conversions Part 2

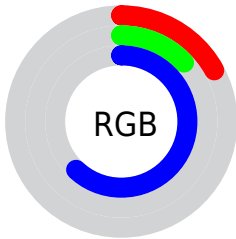
Format	Color
R_{YB}	43, 33, 158
Decimal	2826654
CIE _{Lab}	23.90, 44.47, -65.18
CIE _{LCh}	24, 78.901, 304.306
Yxy	4.0699, 0.1733, 0.0914
Android (android.graphics.Color)	4281016734 (0xFF2B219E)
YUV	50.2400, 53.1257, -6.3495
Hunter-Lab	20.1741, 32.9283, -82.0599

Details

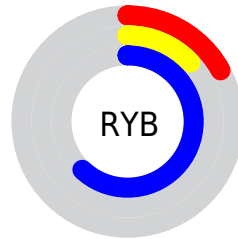
The Hex color **2B219E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **949E21**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6B50D6**, and **000069** is the 20% darker color. If you saturate the color by 10%, you get **1C119E**, and if you desaturate by 10%, it is **3A319E**.

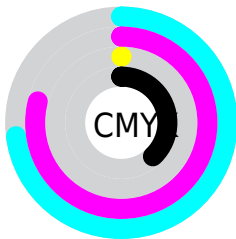
Distribution



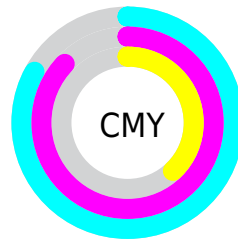
- Red (17%)
- Green (13%)
- Blue (62%)



- Red (17%)
- Yellow (13%)
- Blue (62%)



- Cyan (73%)
- Magenta (79%)
- Yellow (0%)
- Black (38%)



- Cyan (83%)
- Magenta (87%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B219E 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 2B219E by changing the saturation by 10% instead.

■ 2B219E

■ 2B219E

FFFFFF

■ 000983

■ 6B50D6

■ 000069

■ 8869F3

■ 000050

■ A683FF

■ 000538

■ C39EFF

■ 000222

■ E1B9FF

■ 000007

■ FFD5FF

■ 000000

■ FFF1FF

■ 2B219E

■ 2B219E

■ 1C119E

■ 3A319E

■ 0E019E

■ 48419E

■ 0D009E

■ 57509E

■ 65609E

■ 74709E

■ 82809E

■ 91909E

■ 9F9F9E

■ AEAFA9E

Harmonies

Analogous

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



0041B4



2B219E



80006E

Triad

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



2B219E



6D1C00



004C40

Complementary

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



2B219E



949E21

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.



004A00



2B219E



3F3A00

Square

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



2B219E



8D0000



004600



004E7C

Rectangle

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



2B219E



940047



004600



004C2B

Sweetspot

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



2B219E



A19DCF



21969E



4D4A69



E8E8E8



696969

Same Dimension

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



2B219E



1A0ACF



68219E



48474F



0B008F



01000F

Inverse Universe

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



9E2194



CF0ABF



579E21



4F474E



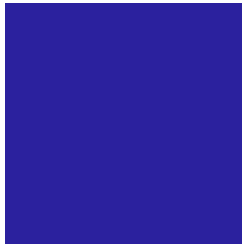
8F0083



0F000E

Previews

White Background



This preview shows how the Hex color 2B219E looks on a white background.

Color Contrast Check

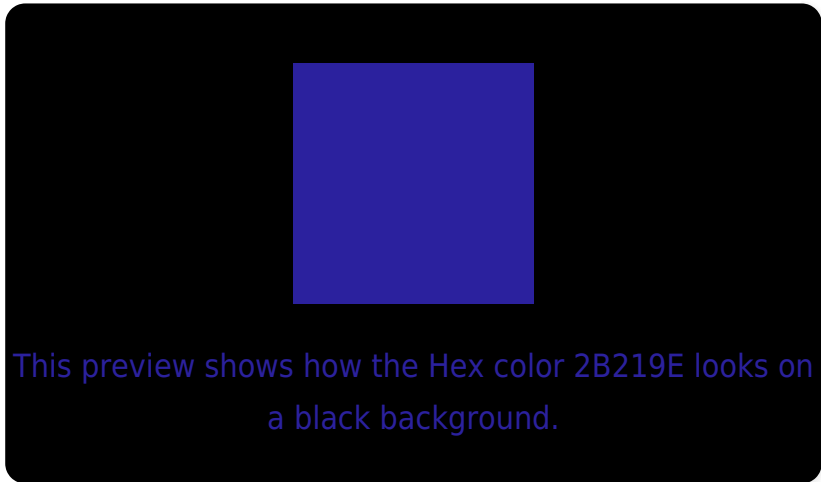
Large Text (above 18pt) WCAG AA ✓ Pass

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

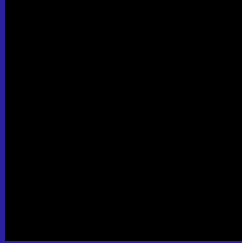
Any Text WCAG AA × Fail

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 2B219E Background



This preview shows how black text looks on a background with the Hex color 2B219E.



This preview shows how white text looks on a background with the Hex color 2B219E.

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
2B219E

Protanopia
003774

Deuteranopia
003B63

Trichromacy



Original Color
2B219E

Protanomaly
102F83

Deuteranomaly
103278

Tritanomaly
103564

Monochromacy



Original Color
2B219E

Achromatopsia
323232

Achromatomaly
2F2C59

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B219E 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 #2B219E looks like.

```
.text, #text, p{  
    color:#2B219E  
}
```

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 #2B219E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B219E
}
```

Border

The CSS property to change the border of an element to Hex 2B219E 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
#2B219E }
```

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

```
.border{ border-color:#2B219E }
```

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

Here you see how a box with a 4 pixel #2B219E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B219E; -webkit-box-shadow:4px 4px  
4px 4px #2B219E; box-shadow:4px 4px 4px  
4px #2B219E }
```

Background

The CSS property to change the background color of an element to Hex 2B219E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B219E }
```

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

```
.background{ background-color:#2B219E }
```

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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