

Converting Colors

Hex(2B178E)

Have a look what the booklet for
Hex(2B178E) contains.

Hex(2B178E)	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(2B178E)

Conversions

Conversions Part 1

Format	Color
Hex	2B178E
RGB	43, 23, 142
RGB Percent	17%, 9%, 56%
CMY	0.8314, 0.9098, 0.4431
CMYK	0.70, 0.84, 0.00, 0.44
HSL	250°, 72%, 32%
HSV	250°, 84%, 56%
XYZ	6.1851, 3.0794, 25.8596
YIQ	42.5460, -26.2790, 41.2490

Conversions

Conversions Part 2

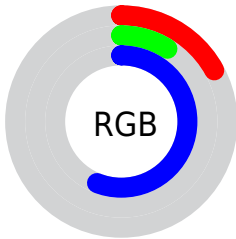
Format	Color
R _Y B	43, 23, 142
Decimal	2824078
CIE Lab	20.36, 44.39, -61.17
CIE LCh	20, 75.580, 305.971
Yxy	3.0794, 0.1761, 0.0877
Android (android.graphics.Color)	4281014158 (0xFF2B178E)
YUV	42.5460, 49.0308, 0.3982
Hunter-Lab	17.5482, 32.2060, -75.0881

Details

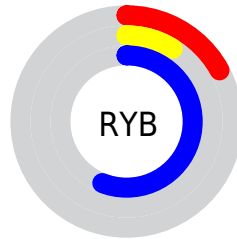
The Hex color **2B178E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7A8E17**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6847C5**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **1F098E**, and if you desaturate by 10%, it is **37258E**.

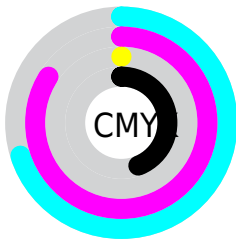
Distribution



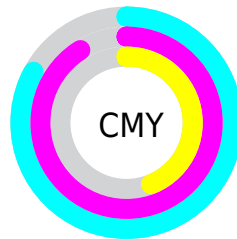
- Red (17%)
- Green (9%)
- Blue (56%)



- Red (17%)
- Yellow (9%)
- Blue (56%)



- Cyan (70%)
- Magenta (84%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (91%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B178E 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 2B178E by changing the saturation by 10% instead.

■ 2B178E

■ 2B178E

FFFFFF

■ 000074

■ 6847C5

■ 00005A

■ 8560E1

■ 000542

■ A279FE

■ 00032B

■ BF93FF

■ 000115

■ DCAEFF

■ 000000

■ FACAFF

■ FFE7FF

■ 2B178E

■ 2B178E

■ 1F098E

■ 37258E

■ 18008E

■ 43338E

■ 4E428E

■ 5A508E

■ 665E8E

■ 726C8E

■ 7E7A8E

■ 8A898E

■ 95978E

Harmonies

Analogous

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



0038A4



2B178E



760060

Triad

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



2B178E



5F1800



00433B

Complementary

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



2B178E



7A8E17

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.



004100



2B178E



343300

Square

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



2B178E



7E0000



003D00



004473

Rectangle

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



2B178E



86003B



003D00



004328

Sweetspot

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



2B178E



918AB8



177A8E



45405C



DBDBDB



5C5C5C

Same Dimension

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



2B178E



1F00B8



66178E



414047



170087



010008

Inverse Universe

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



8E177A



B80099



3F8E17



474046



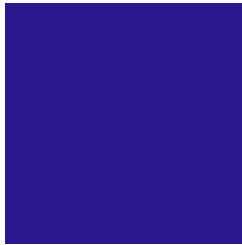
870070



080006

Previews

White Background



This preview shows how the Hex color 2B178E looks on a white background.

Color Contrast Check

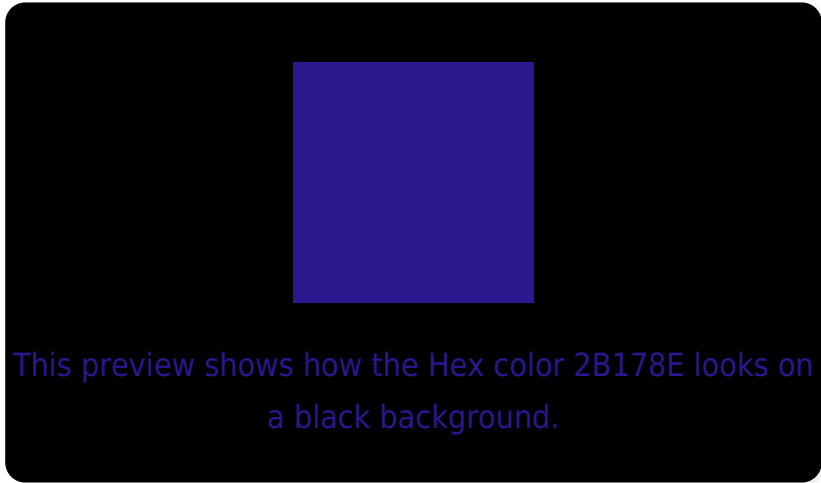
Large Text (above 18pt) WCAG AA ✓ Pass

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

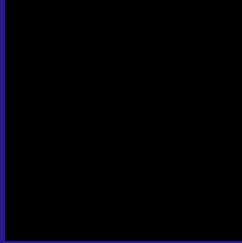
Any Text WCAG AA × Fail

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 2B178E Background



This preview shows how black text looks on a background with the Hex color 2B178E.



This preview shows how white text looks on a background with the Hex color 2B178E.

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
2B178E

Protanopia
003066

Deuteranopia
003456



Tritanopia
00383B

Trichromacy



Original Color
2B178E

Protanomaly
102775

Deuteranomaly
10296A

Tritanomaly
102C59

Monochromacy



Original Color
2B178E

Achromatopsia
2B2B2B

Achromatomaly
2B244F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B178E 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 #2B178E looks like.

```
.text, #text, p{  
    color:#2B178E  
}
```

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 #2B178E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B178E
}
```

Border

The CSS property to change the border of an element to Hex 2B178E is called "border". The border property can be set on classes, ids or directly on the HTML element.

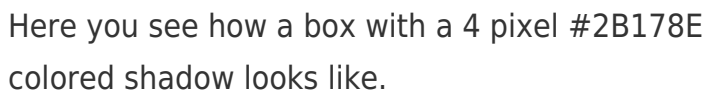
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B178E }
```

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

```
.border{ border-color:#2B178E }
```

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



Here you see how a box with a 4 pixel #2B178E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B178E; -webkit-box-shadow:4px 4px  
4px 4px #2B178E; box-shadow:4px 4px 4px  
4px #2B178E }
```

Background

The CSS property to change the background color of an element to Hex 2B178E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B178E }
```

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

```
.background{ background-color:#2B178E }
```

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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