

Converting Colors

Hex(2A197F)

Have a look what the booklet for
Hex(2A197F) contains.

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Color

Hex(2A197F)

Conversions

Conversions Part 1

Format	Color
Hex	2A197F
RGB	42, 25, 127
RGB Percent	16%, 10%, 50%
CMY	0.8353, 0.9020, 0.5020
CMYK	0.67, 0.80, 0.00, 0.50
HSL	250°, 67%, 30%
HSV	250°, 80%, 50%
XYZ	5.1332, 2.7198, 20.3331
YIQ	41.7110, -22.6100, 35.3260

Conversions

Conversions Part 2

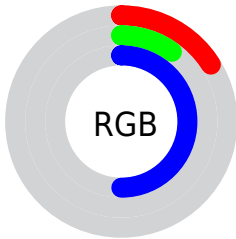
Format	Color
R_{YB}	42, 25, 127
Decimal	2759039
CIE _{Lab}	18.88, 38.63, -54.17
CIE _{LCh}	19, 66.534, 305.494
Yxy	2.7198, 0.1821, 0.0965
Android (android.graphics.Color)	4280949119 (0xFF2A197F)
YUV	41.7110, 42.0475, 0.2535
Hunter-Lab	16.4918, 26.6991, -61.5555

Details

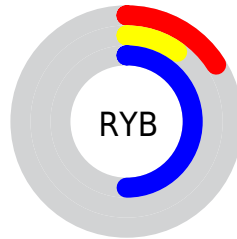
The Hex color **2A197F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6E7F19**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6447B5**, and **00004D** is the 20% darker color. If you saturate the color by 10%, you get **1F0C7F**, and if you desaturate by 10%, it is **35267F**.

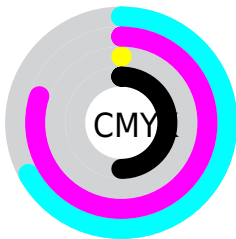
Distribution



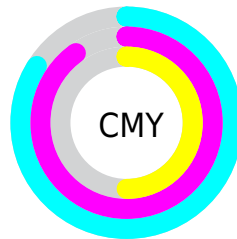
- Red (16%)
- Green (10%)
- Blue (50%)



- Red (16%)
- Yellow (10%)
- Blue (50%)



- Cyan (67%)
- Magenta (80%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (90%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A197F 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 2A197F by changing the saturation by 10% instead.

■ 2A197F

■ 2A197F

FFFFFF

■ 000365

■ 6447B5

■ 00004D

■ 8060D1

■ 000535

■ 9C79ED

■ 00021F

■ B893FF

■ 000001

■ D5AEFF

■ 000000

■ F3CAFF

■ FFE6FF

■ 2A197F

■ 2A197F

■ 1F0C7F

■ 35267F

■ 15007F

■ 3F327F

■ 4A3F7F

■ 544C7F

■ 5F597F

■ 6A657F

■ 74727F

■ 7F7F7F

■ 898B7F

Harmonies

Analogous

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



003492



2A197F



6A0057

Triad

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



2A197F



581900



003F36

Complementary

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



2A197F



6E7F19

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.



003D00



2A197F



323000

Square

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



2A197F



720000



003900



003F66

Rectangle

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



2A197F



790038



003900



003E25

Sweetspot

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



2A197F



857EA6



196E7F



403C54



D4D4D4



545454

Same Dimension

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



2A197F



2107A6



5D197F



3A3940



150080



000000

Inverse Universe

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



7F196E



A6078B



3B7F19



40393F



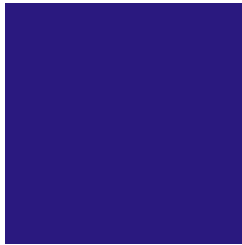
80006A



000000

Previews

White Background



This preview shows how the Hex color 2A197F looks on a white background.

Color Contrast Check

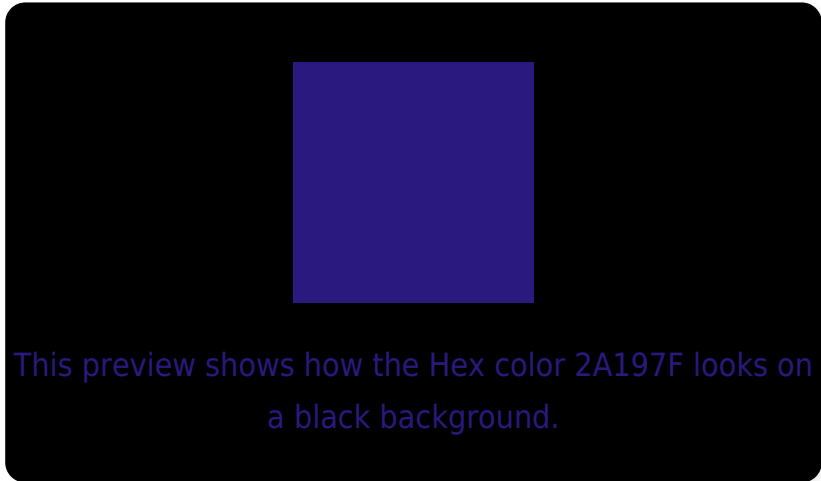
Large Text (above 18pt) WCAG AA ✓ Pass

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

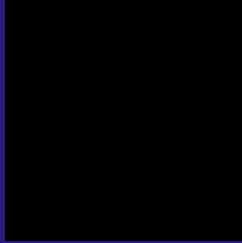
Any Text WCAG AA × Fail

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 2A197F Background



This preview shows how black text looks on a background with the Hex color 2A197F.



This preview shows how white text looks on a background with the Hex color 2A197F.

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
2A197F

Protanopia
002D5F

Deuteranopia
003051

Trichromacy



Original Color
2A197F

Protanomaly
0F266B

Deuteranomaly
0F2862

Tritanomaly
0F2A52

Monochromacy



Original Color
2A197F

Achromatopsia
2A2A2A

Achromatomaly
2A2449

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A197F 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 #2A197F looks like.

```
.text, #text, p{  
    color:#2A197F  
}
```

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 #2A197F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A197F
}
```

Border

The CSS property to change the border of an element to Hex 2A197F is called "border". The border property can be set on classes, ids or directly on the HTML element.

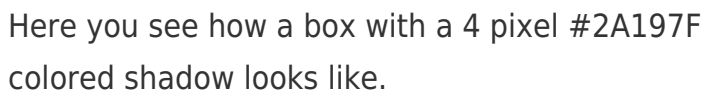
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A197F }
```

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

```
.border{ border-color:#2A197F }
```

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



Here you see how a box with a 4 pixel #2A197F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A197F; -webkit-box-shadow:4px 4px  
4px 4px #2A197F; box-shadow:4px 4px 4px  
4px #2A197F }
```

Background

The CSS property to change the background color of an element to Hex 2A197F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A197F }
```

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

```
.background{ background-color:#2A197F }
```

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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