

# Converting Colors

Hex(2C8FA2)

Have a look what the booklet for  
Hex(2C8FA2) contains.

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# Color

Hex(2C8FA2)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C8FA2
RGB	44, 143, 162
RGB Percent	17%, 56%, 64%
CMY	0.8275, 0.4392, 0.3647
CMYK	0.73, 0.12, 0.00, 0.36
HSL	190°, 57%, 40%
HSV	190°, 73%, 64%
XYZ	17.3828, 22.7890, 37.6650
YIQ	115.5650, -65.1030, -15.0790

# Conversions

## Conversions Part 2

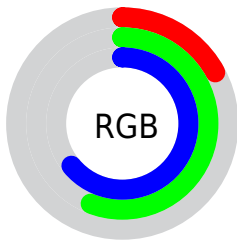
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 98, 162
Decimal	2920354
CIELab	54.85, -21.60, -18.23
CIElCh	55, 28.263, 220.176
Yxy	22.7890, 0.2233, 0.2928
Android (android.graphics.Color)	4281110434 (0xFF2C8FA2)
YUV	115.5650, 22.8925, -62.7625
Hunter-Lab	47.7379, -18.5442, -13.3631

# Details

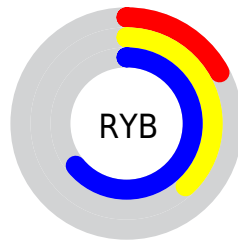
The Hex color **2C8FA2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A23F2C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6BC5D9**, and **005C6E** is the 20% darker color. If you saturate the color by 10%, you get **1C8CA2**, and if you desaturate by 10%, it is **3C92A2**.

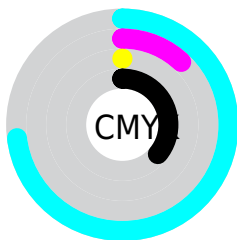
# Distribution



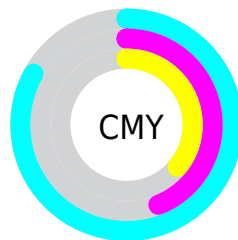
- Red (17%)
- Green (56%)
- Blue (64%)



- Red (17%)
- Yellow (38%)
- Blue (64%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)



- Cyan (83%)
- Magenta (44%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C8FA2 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 2C8FA2 by changing the saturation by 10% instead.



■ 2C8FA2

■ 2C8FA2

FFFFFF

■ 007588

■ 6BC5D9

■ 005C6E

■ 88E1F5

■ 004556

■ A5FEFF

■ 002E3F

■ C2FFFF

■ 001B29

■ E0FFFF

■ 000114

FEFFFF

■ 000000

■ 2C8FA2

■ 2C8FA2

■ 1C8CA2

■ 3C92A2

■ 0C8AA2

■ 4C94A2

■ 0088A2

■ 5D97A2

■ 6D99A2

■ 7D9CA2

■ 8D9FA2

■ 9DA1A2

■ AEA4A2

■ BEA6A2

# Harmonies

## Analogous

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



36918B



2C8FA2



488AB1

# Triad

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



2C8FA2



A97394



8C8453

# Complementary

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



2C8FA2



A23F2C

# 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.



A27C56



2C8FA2



B3717C

# Square

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



2C8FA2



917AA9



B07465



718B5D

# Rectangle

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



2C8FA2



6286B4



B07465



948252



# Sweetspot

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



2C8FA2



A5CCD4



2CA23E



4F676B



EBEBEB



6B6B6B



# Same Dimension

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



2C8FA2



1CB6D4



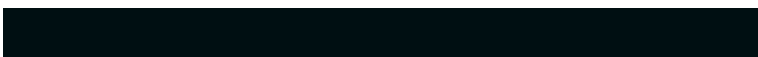
2C55A2



495052



007A91



000F12



# Inverse Universe

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



A22C8F



D41CB6



A2792C



524950



91007A



12000F



# Previews

## White Background



This preview shows how the Hex color 2C8FA2 looks on a white background.

## Color Contrast Check

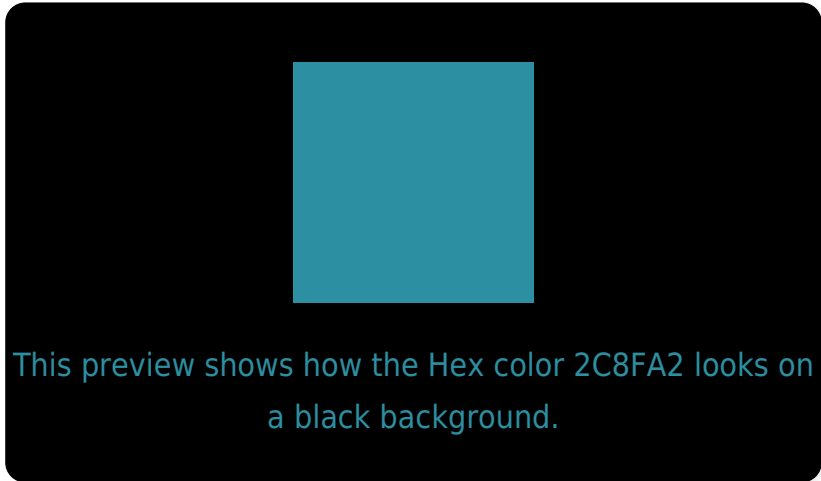
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

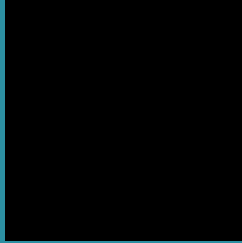
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2C8FA2 Background



This preview shows how black text looks on a background with the Hex color 2C8FA2.

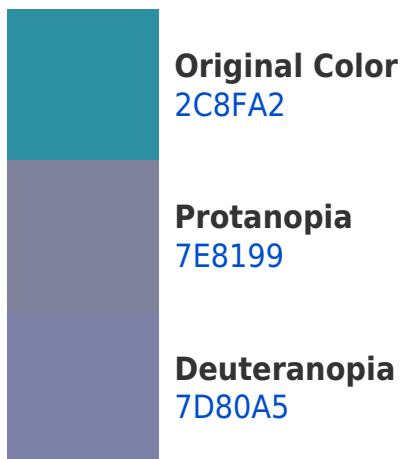


This preview shows how white text looks on a background with the Hex color 2C8FA2.

# 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](#).

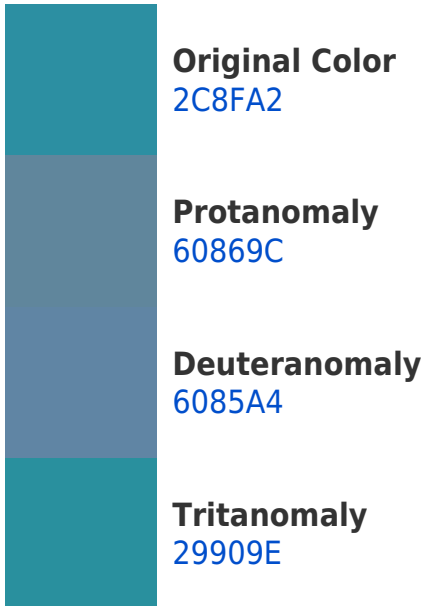
## Dichromacy





**Tritanopia**  
27909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C8FA2 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 #2C8FA2 looks like.

```
.text, #text, p{  
    color:#2C8FA2  
}
```

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 #2C8FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8FA2
}
```

## Border

The CSS property to change the border of an element to Hex 2C8FA2 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
#2C8FA2 }
```

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

```
.border{ border-color:#2C8FA2 }
```

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

Here you see how a box with a 4 pixel #2C8FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8FA2; -webkit-box-shadow:4px 4px  
4px 4px #2C8FA2; box-shadow:4px 4px 4px  
4px #2C8FA2 }
```

# Background

The CSS property to change the background color of an element to Hex 2C8FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8FA2 }
```

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

```
.background{ background-color:#2C8FA2 }
```

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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