

Converting Colors

Hex(2F93AA)

Have a look what the booklet for
Hex(2F93AA) contains.

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Color

Hex(2F93AA)

Conversions

Conversions Part 1

Format	Color
Hex	2F93AA
RGB	47, 147, 170
RGB Percent	18%, 58%, 67%
CMY	0.8157, 0.4235, 0.3333
CMYK	0.72, 0.14, 0.00, 0.33
HSL	191°, 57%, 43%
HSV	191°, 72%, 67%
XYZ	18.8617, 24.3741, 41.7408
YIQ	119.7220, -66.9830, -14.0470

Conversions

Conversions Part 2

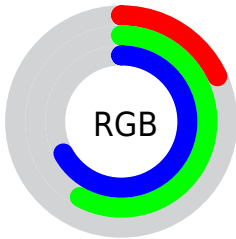
Format	Color
RYB	47, 102, 170
Decimal	3117994
CIELab	56.46, -20.69, -20.36
CIElCh	56, 29.023, 224.539
Yxy	24.3741, 0.2220, 0.2868
Android (android.graphics.Color)	4281308074 (0xFF2F93AA)
YUV	119.7220, 24.7871, -63.7772
Hunter-Lab	49.3701, -18.2022, -15.5687

Details

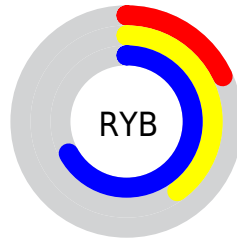
The Hex color **2F93AA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA462F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6EC9E1**, and **006076** is the 20% darker color. If you saturate the color by 10%, you get **1E90AA**, and if you desaturate by 10%, it is **4096AA**.

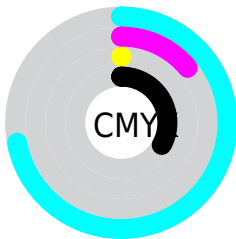
Distribution



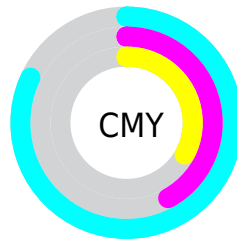
- Red (18%)
- Green (58%)
- Blue (67%)



- Red (18%)
- Yellow (40%)
- Blue (67%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (82%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F93AA 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 2F93AA by changing the saturation by 10% instead.

■ 2F93AA

■ 2F93AA

FFFFFF

■ 00798F

■ 6EC9E1

■ 006076

■ 8BE5FE

■ 00485D

■ A9FFFF

■ 003145

■ C6FFFF

■ 001E2F

■ E4FFFF

■ 00011A

■ 000000

■ 2F93AA

■ 2F93AA

■ 1E90AA

■ 4096AA

0D8DAA

5199AA

008AAA

629DAA

73A0AA

84A3AA

95A6AA

A6A9AA

B7ACAA

C8B0AA

Harmonies

Analogous

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



349593



2F93AA



4F8EB8

Triad

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



2F93AA



B17696



8C8A56

Complementary

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



2F93AA



AA462F

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.



A48157



2F93AA



B9747C

Square

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



2F93AA



9A7DAC



B47965



709063

Rectangle

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



2F93AA



6A89B9



B47965



958755

Sweetspot

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



2F93AA



ADD5DE



2FAA46



536B70



F0F0F0



707070

Same Dimension

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



2F93AA



1DBADE



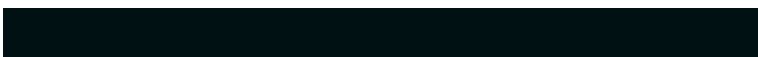
2F56AA



4C5354



007894



001114

Inverse Universe

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



AA2F93



DE1DBA



AA832F



544C53



940078



140011

Previews

White Background



This preview shows how the Hex color 2F93AA looks on a white background.

Color Contrast Check

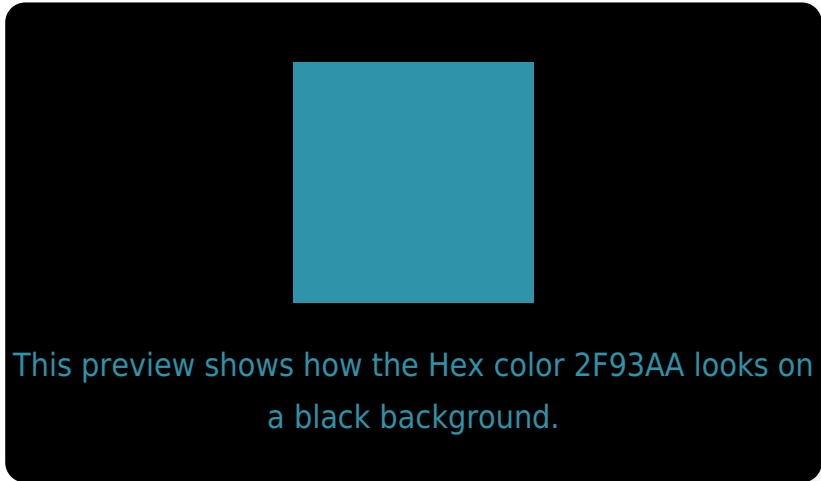
Large Text (above 18pt) WCAG AA ✓ Pass

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

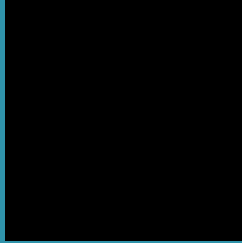
Any Text WCAG AA ✓ Pass

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 2F93AA Background



This preview shows how black text looks on a background with the Hex color 2F93AA.

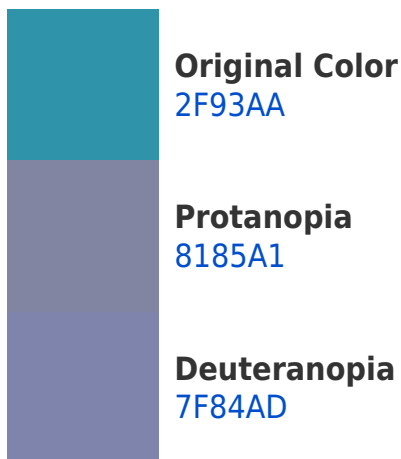


This preview shows how white text looks on a background with the Hex color 2F93AA.

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](#).

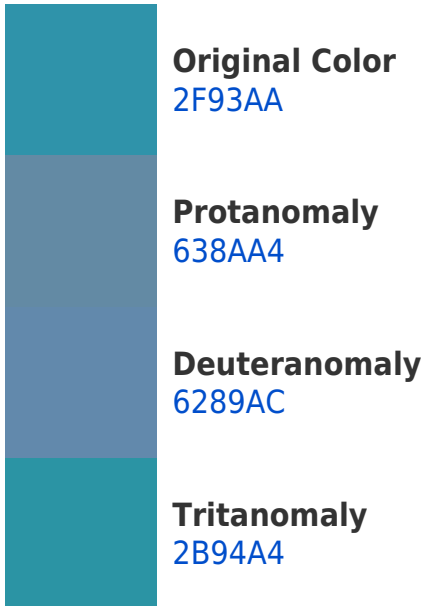
Dichromacy





Tritanopia
2895A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F93AA 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 #2F93AA looks like.

```
.text, #text, p{
  color:#2F93AA
}
```

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 #2F93AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F93AA
}
```

Border

The CSS property to change the border of an element to Hex 2F93AA 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
#2F93AA }
```

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

```
.border{ border-color:#2F93AA }
```

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

Here you see how a box with a 4 pixel #2F93AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F93AA; -webkit-box-shadow:4px 4px  
4px 4px #2F93AA; box-shadow:4px 4px 4px  
4px #2F93AA }
```

Background

The CSS property to change the background color of an element to Hex 2F93AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F93AA }
```

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

```
.background{ background-color:#2F93AA }
```

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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