

Converting Colors

Hex(2F93A0)

Have a look what the booklet for
Hex(2F93A0) contains.

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Color

Hex(2F93A0)

Conversions

Conversions Part 1

Format	Color
Hex	2F93A0
RGB	47, 147, 160
RGB Percent	18%, 58%, 63%
CMY	0.8157, 0.4235, 0.3725
CMYK	0.71, 0.08, 0.00, 0.37
HSL	187°, 55%, 41%
HSV	187°, 71%, 63%
XYZ	17.9512, 24.0098, 36.9459
YIQ	118.5820, -63.7730, -17.1570

Conversions

Conversions Part 2

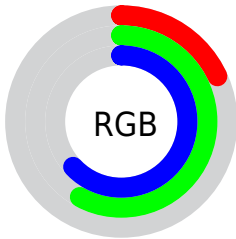
Format	Color
R_{YB}	47, 100, 160
Decimal	3117984
CIE _{Lab}	56.10, -23.89, -15.19
CIE _{LCh}	56, 28.314, 212.447
Yxy	24.0098, 0.2275, 0.3043
Android (android.graphics.Color)	4281308064 (0xFF2F93A0)
YUV	118.5820, 20.4191, -62.7774
Hunter-Lab	48.9998, -20.3559, -10.4049

Details

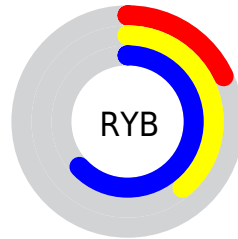
The Hex color **2F93A0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A03C2F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6DC9D7**, and **00606D** is the 20% darker color. If you saturate the color by 10%, you get **1F91A0**, and if you desaturate by 10%, it is **3F95A0**.

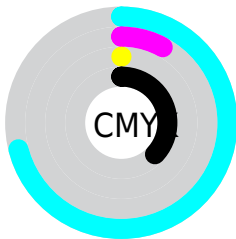
Distribution



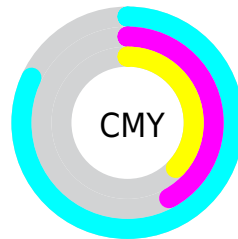
- Red (18%)
- Green (58%)
- Blue (63%)



- Red (18%)
- Yellow (39%)
- Blue (63%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)
- Black (37%)



- Cyan (82%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F93A0 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 2F93A0 by changing the saturation by 10% instead.



2F93A0



2F93A0

FFFFFF



007986



6DC9D7



00606D



8AE5F3



004854



A7FFFF



00313D



C4FFFF



001E27



E1FFFF



000112



000000



2F93A0



2F93A0



1F91A0



3F95A0

0F8FA0

4F97A0

008EA0

5F99A0

6F9AA0

7F9CA0

8F9EA0

9FA0A0

AFA2A0

BFA4A0

Harmonies

Analogous

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



419488



2F93A0



428FB1

Triad

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



2F93A0



A7779E



958655

Complementary

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



2F93A0



A03C2F

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.



AA7D5C



2F93A0



B57485

Square

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



2F93A0



8C7FB0



B6766D



7B8D5C

Rectangle

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



2F93A0



5B8BB7



B6766D



9D8356

Sweetspot

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



2F93A0



A5CCD1



2FA03A



4E6669



E8E8E8



696969

Same Dimension

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



2F93A0



1FBDD1



2F5CA0



474E4F



007E8F



000E0F

Inverse Universe

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



A02F93



D11FBD



A0732F



4F474E



8F007E



0F000E

Previews

White Background



This preview shows how the Hex color 2F93A0 looks on a white background.

Color Contrast Check

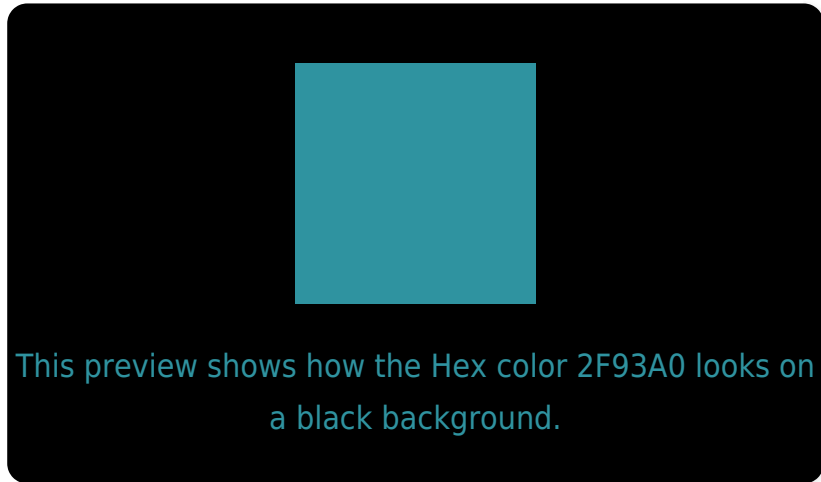
Large Text (above 18pt) WCAG AA ✓ Pass

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

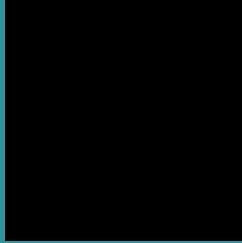
Any Text WCAG AA ✓ Pass

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 2F93A0 Background



This preview shows how black text looks on a background with the Hex color 2F93A0.

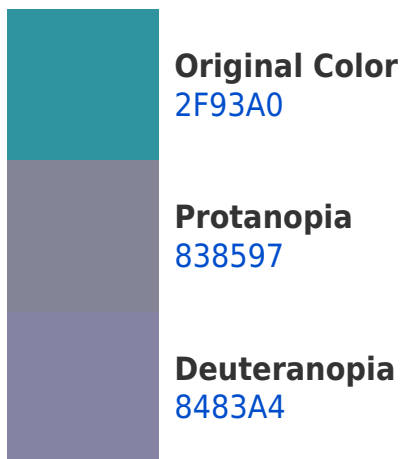


This preview shows how white text looks on a background with the Hex color 2F93A0.

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](#).

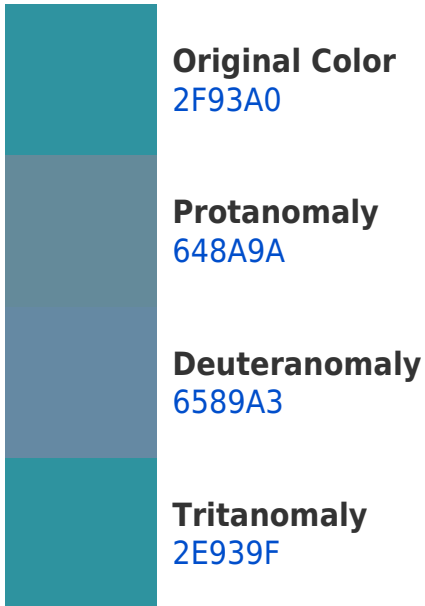
Dichromacy





Tritanopia
2E939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F93A0 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 #2F93A0 looks like.

```
.text, #text, p{  
    color:#2F93A0  
}
```

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 #2F93A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F93A0
}
```

Border

The CSS property to change the border of an element to Hex 2F93A0 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
#2F93A0 }
```

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

```
.border{ border-color:#2F93A0 }
```

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

Here you see how a box with a 4 pixel #2F93A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F93A0; -webkit-box-shadow:4px 4px  
4px 4px #2F93A0; box-shadow:4px 4px 4px  
4px #2F93A0 }
```

Background

The CSS property to change the background color of an element to Hex 2F93A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F93A0 }
```

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

```
.background{ background-color:#2F93A0 }
```

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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