

Converting Colors

Hex(2C93A6)

Have a look what the booklet for
Hex(2C93A6) contains.

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Color

Hex(2C93A6)

Conversions

Conversions Part 1

Format	Color
Hex	2C93A6
RGB	44, 147, 166
RGB Percent	17%, 58%, 65%
CMY	0.8275, 0.4235, 0.3490
CMYK	0.73, 0.11, 0.00, 0.35
HSL	189°, 58%, 41%
HSV	189°, 73%, 65%
XYZ	18.3554, 24.1561, 39.7716
YIQ	118.3690, -67.4870, -15.9270

Conversions

Conversions Part 2

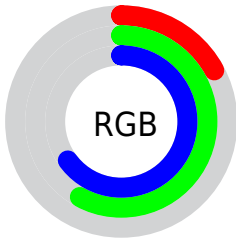
Format	Color
RYB	44, 100, 166
Decimal	2921382
CIELab	56.24, -22.39, -18.41
CIElCh	56, 28.983, 219.431
Yxy	24.1561, 0.2231, 0.2936
Android (android.graphics.Color)	4281111462 (0xFF2C93A6)
YUV	118.3690, 23.4821, -65.2216
Hunter-Lab	49.1488, -19.3470, -13.5737

Details

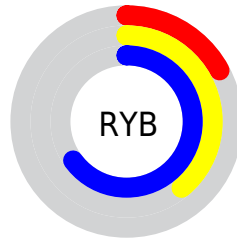
The Hex color **2C93A6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A63F2C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6CC9DD**, and **006072** is the 20% darker color. If you saturate the color by 10%, you get **1B90A6**, and if you desaturate by 10%, it is **3D96A6**.

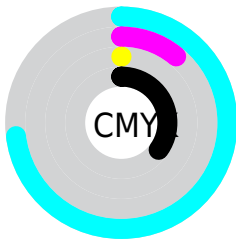
Distribution



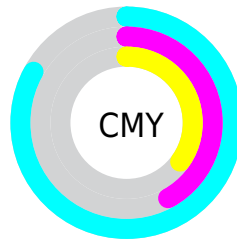
- Red (17%)
- Green (58%)
- Blue (65%)



- Red (17%)
- Yellow (39%)
- Blue (65%)



- Cyan (73%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (83%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C93A6 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 2C93A6 by changing the saturation by 10% instead.

■ 2C93A6

■ 2C93A6

FFFFFF

■ 00798C

■ 6CC9DD

■ 006072

■ 89E5FA

■ 00485A

■ A6FFFF

■ 003142

■ C3FFFF

■ 001E2C

■ E1FFFF

■ 000117

■ 000000

■ 2C93A6

■ 2C93A6

■ 1B90A6

■ 3D96A6

0B8EA6

4D98A6

008CA6

5E9BA6

6E9DA6

7FA0A6

90A3A6

A0A5A6

B1A8A6

C1AAA6

Harmonies

Analogous

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



38958E



2C93A6



488EB5

Triad

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



2C93A6



AD7699



908855

Complementary

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



2C93A6



A63F2C

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.



A77F58



2C93A6



B87480

Square

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



2C93A6



947DAE



B57768



748F5F

Rectangle

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



2C93A6



6389B9



B57768



988554

Sweetspot

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



2C93A6



A9D1D9



2CA63E



51696E



EDEDED



6E6E6E

Same Dimension

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



2C93A6



1ABBD9



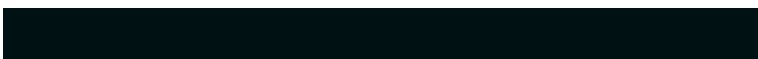
2C57A6



4C5354



007D94



001114

Inverse Universe

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



A62C93



D91ABB



A67B2C



544C53



94007D



140011

Previews

White Background



This preview shows how the Hex color 2C93A6 looks on a white background.

Color Contrast Check

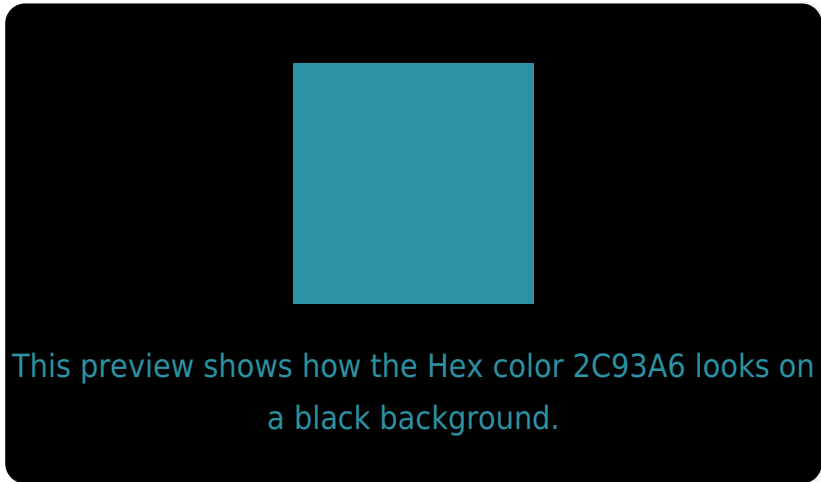
Large Text (above 18pt) WCAG AA ✓ Pass

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

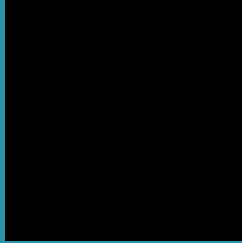
Any Text WCAG AA ✓ Pass

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 2C93A6 Background



This preview shows how black text looks on a background with the Hex color 2C93A6.

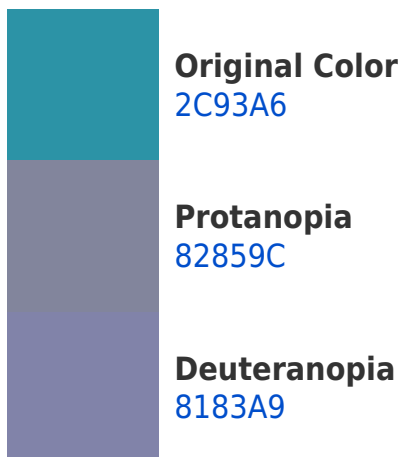


This preview shows how white text looks on a background with the Hex color 2C93A6.

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
2894A0

Trichromacy



Original Color
2C93A6



Protanomaly
638AA0



Deuteranomaly
6289A8



Tritanomaly
2994A2

Monochromacy



Original Color
2C93A6



Achromatopsia
767676



Achromatomaly
5B8187

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C93A6 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 #2C93A6 looks like.

```
.text, #text, p{  
    color:#2C93A6  
}
```

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 #2C93A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C93A6
}
```

Border

The CSS property to change the border of an element to Hex 2C93A6 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
#2C93A6 }
```

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

```
.border{ border-color:#2C93A6 }
```

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

Here you see how a box with a 4 pixel #2C93A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C93A6; -webkit-box-shadow:4px 4px  
4px 4px #2C93A6; box-shadow:4px 4px 4px  
4px #2C93A6 }
```

Background

The CSS property to change the background color of an element to Hex 2C93A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C93A6 }
```

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

```
.background{ background-color:#2C93A6 }
```

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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