

Converting Colors

Hex(2C96A3)

Have a look what the booklet for
Hex(2C96A3) contains.

Hex(2C96A3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C96A3)

Conversions

Conversions Part 1

Format	Color
Hex	2C96A3
RGB	44, 150, 163
RGB Percent	17%, 59%, 64%
CMY	0.8275, 0.4118, 0.3608
CMYK	0.73, 0.08, 0.00, 0.36
HSL	187°, 57%, 41%
HSV	187°, 73%, 64%
XYZ	18.5559, 24.9925, 38.4964
YIQ	119.7880, -67.3490, -18.4290

Conversions

Conversions Part 2

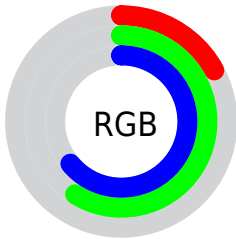
Format	Color
R_{YB}	44, 100, 163
Decimal	2922147
CIE _{Lab}	57.07, -24.89, -15.44
CIE _{LCh}	57, 29.292, 211.815
Yxy	24.9925, 0.2262, 0.3046
Android (android.graphics.Color)	4281112227 (0xFF2C96A3)
YUV	119.7880, 21.3035, -66.4661
Hunter-Lab	49.9925, -21.2324, -10.6611

Details

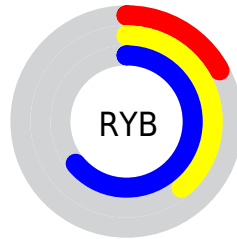
The Hex color **2C96A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A3392C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6CCDA**, and **00636F** is the 20% darker color. If you saturate the color by 10%, you get **1C94A3**, and if you desaturate by 10%, it is **3C98A3**.

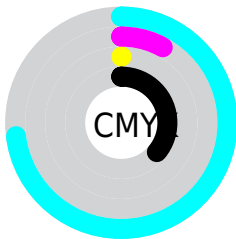
Distribution



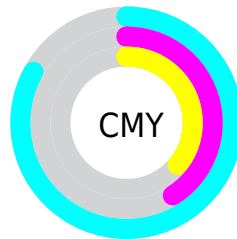
- Red (17%)
- Green (59%)
- Blue (64%)



- Red (17%)
- Yellow (39%)
- Blue (64%)



- Cyan (73%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (83%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C96A3 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 2C96A3 by changing the saturation by 10% instead.

■ 2C96A3

■ 2C96A3

FFFFFF

■ 007C89

■ 6CCDA

■ 00636F

■ 89E9F6

■ 004B57

■ A6FFFF

■ 003340

■ C3FFFF

■ 00202A

■ E1FFFF

■ 000115

■ 000000

■ 2C96A3

■ 2C96A3

■ 1C94A3

■ 3C98A3

0B92A3

4D9AA3

0091A3

5D9BA3

6D9DA3

7E9FA3

8EA1A3

9EA2A3

AEA4A3

BFA6A3

Harmonies

Analogous

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



40978A



2C96A3



4092B5

Triad

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



2C96A3



AB79A2



998856

Complementary

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



2C96A3



A3392C

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.



AE7F5D



2C96A3



BA7588

Square

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



2C96A3



8E82B4



BA786F



7E8F5D

Rectangle

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



2C96A3



5A8EBB



BA786F



A18556

Sweetspot

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



2C96A3



A5CFD4



2CA338



4F686B



EBEBEB



6B6B6B

Same Dimension

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



2C96A3



19BFD4



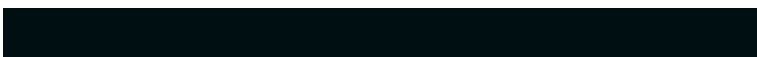
2C5CA3



495152



008191



001012

Inverse Universe

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



A32C96



D419BF



A3732C



524951



910081



120010

Previews

White Background



This preview shows how the Hex color 2C96A3 looks on a white background.

Color Contrast Check

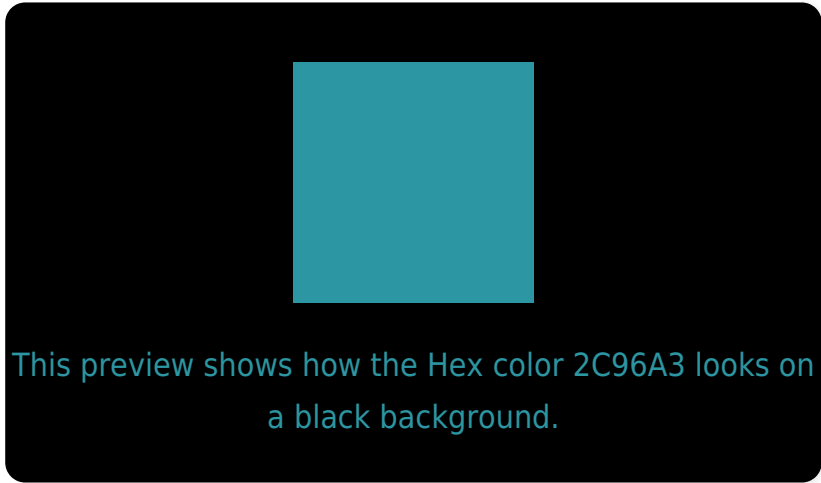
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C96A3 Background



This preview shows how black text looks on a background with the Hex color 2C96A3.



This preview shows how white text looks on a background with the Hex color 2C96A3.

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](#).

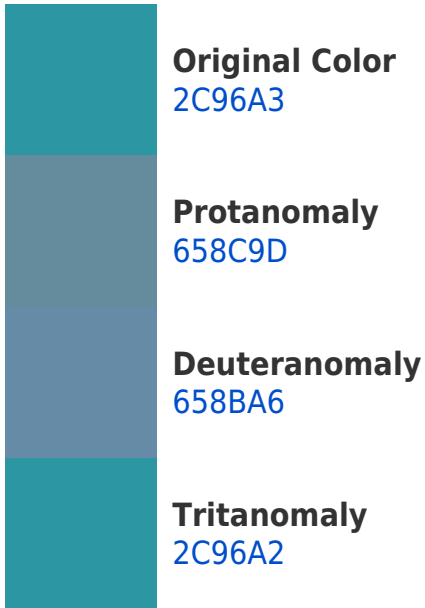
Dichromacy





Tritanopia
2C96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C96A3 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 #2C96A3 looks like.

```
.text, #text, p{  
    color:#2C96A3  
}
```

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 #2C96A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C96A3
}
```

Border

The CSS property to change the border of an element to Hex 2C96A3 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
#2C96A3 }
```

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

```
.border{ border-color:#2C96A3 }
```

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

Here you see how a box with a 4 pixel #2C96A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C96A3; -webkit-box-shadow:4px 4px  
4px 4px #2C96A3; box-shadow:4px 4px 4px  
4px #2C96A3 }
```

Background

The CSS property to change the background color of an element to Hex 2C96A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C96A3 }
```

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

```
.background{ background-color:#2C96A3 }
```

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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