

# Converting Colors

Hex(29C5A6)

Have a look what the booklet for  
Hex(29C5A6) contains.

<b>Hex(29C5A6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(29C5A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29C5A6
RGB	41, 197, 166
RGB Percent	16%, 77%, 65%
CMY	0.8392, 0.2275, 0.3490
CMYK	0.79, 0.00, 0.16, 0.23
HSL	168°, 66%, 47%
HSV	168°, 79%, 77%
XYZ	27.7636, 43.1571, 42.9433
YIQ	146.8220, -83.0250, -42.7130

# Conversions

## Conversions Part 2

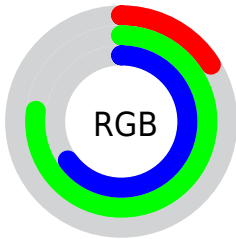
Format	Color
<a href="#">RYB</a>	<a href="#">41, 128, 197</a>
Decimal	<a href="#">2737574</a>
CIELab	<a href="#">71.66, -46.10, 4.47</a>
CIELCh	<a href="#">72, 46.314, 174.461</a>
Yxy	<a href="#">43.1571, 0.2438, 0.3790</a>
Android (android.graphics.Color)	<a href="#">4280927654 (0xFF29C5A6)</a>
YUV	<a href="#">146.8220, 9.4548, -92.8059</a>
Hunter-Lab	<a href="#">65.6941, -39.5269, 7.2288</a>

# Details

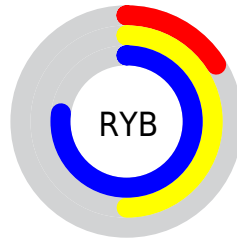
The Hex color **29C5A6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C52948**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **72FEDD**, and **008E72** is the 20% darker color. If you saturate the color by 10%, you get **15C5A2**, and if you desaturate by 10%, it is **3DC5AA**.

# Distribution



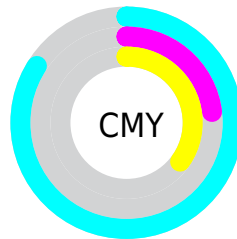
- Red (16%)
- Green (77%)
- Blue (65%)



- Red (16%)
- Yellow (50%)
- Blue (77%)



- Cyan (79%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)



- Cyan (84%)
- Magenta (23%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29C5A6 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 29C5A6 by changing the saturation by 10% instead.



 29C5A6

 29C5A6

FFFFFF

 00A98C

 72FEDD

 008E72

 90FFFA

 00745A

 AFFFFFF

 005A42

 CDFFFF

 00422C

 ECFFFF

 002C18

 000B00

 000000

 29C5A6

 29C5A6

■ 15C5A2

■ 3DC5AA

■ 02C59E

■ 50C5AE

■ 00C59E

■ 64C5B2

■ 78C5B6

■ 8BC5BA

■ 9FC5BD

■ B3C5C1

■ C7C5C5

■ DAC5C9

# Harmonies

## Analogous

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



75C17D



29C5A6



00C5D1

# Triad

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



29C5A6



A7A8FC



F09B6C

# Complementary

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



29C5A6



C52948

# 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.



FF8F8F



29C5A6



DD98E1

# Square

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



29C5A6



58B6FF



FA8EB9



D1AA5A

# Rectangle

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



29C5A6



00C2EA



FA8EB9



F79776

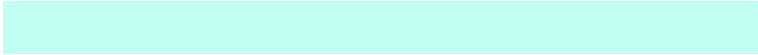


# Sweetspot

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



29C5A6



C2FFF3



48C529



5B8078



000000



808080



# Same Dimension

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



29C5A6



0DFFCF



2996C5



5A6361



00A383



00241D



# Inverse Universe

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



C52948



FF0D3D



C55829



635A5B



A30020

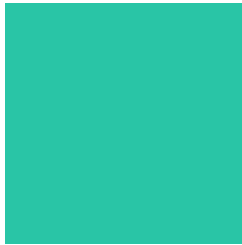


240007



# Previews

## White Background



This preview shows how the Hex color 29C5A6 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 29C5A6 looks on a 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 ✓ Pass

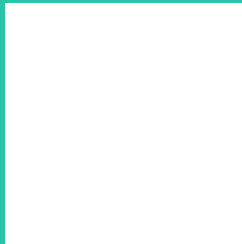
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 29C5A6 Background



This preview shows how black text looks on a background with the Hex color 29C5A6.



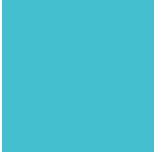
This preview shows how white text looks on a background with the Hex color 29C5A6.

# 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](#).

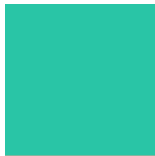
## Dichromacy





**Tritanopia**  
43BFCF

# Trichromacy



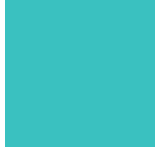
**Original Color**  
29C5A6



**Protanomaly**  
83B69E



**Deuteranomaly**  
89B3AA



**Tritanomaly**  
3AC1C0

# Monochromacy



**Original Color**  
29C5A6



**Achromatopsia**  
939393



**Achromatomaly**  
6CA59A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29C5A6 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 #29C5A6 looks like.

```
.text, #text, p{  
    color:#29C5A6  
}
```

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 #29C5A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29C5A6
}
```

## Border

The CSS property to change the border of an element to Hex 29C5A6 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
#29C5A6 }
```

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

```
.border{ border-color:#29C5A6 }
```

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

Here you see how a box with a 4 pixel #29C5A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29C5A6; -webkit-box-shadow:4px 4px  
4px 4px #29C5A6; box-shadow:4px 4px 4px  
4px #29C5A6 }
```

# Background

The CSS property to change the background color of an element to Hex 29C5A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29C5A6 }
```

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

```
.background{ background-color:#29C5A6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor