

Converting Colors

Hex(27C598)

Have a look what the booklet for
Hex(27C598) contains.

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Color

Hex(27C598)

Conversions

Conversions Part 1

Format	Color
Hex	27C598
RGB	39, 197, 152
RGB Percent	15%, 77%, 60%
CMY	0.8471, 0.2275, 0.4039
CMYK	0.80, 0.00, 0.23, 0.23
HSL	163°, 67%, 46%
HSV	163°, 80%, 77%
XYZ	26.4704, 42.6308, 36.5392
YIQ	144.6280, -79.7230, -47.4910

Conversions

Conversions Part 2

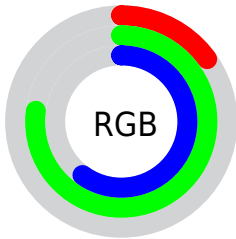
Format	Color
RYB	39, 131, 197
Decimal	2606488
CIELab	71.30, -49.79, 11.54
CIELCh	71, 51.108, 166.950
Yxy	42.6308, 0.2506, 0.4035
Android (android.graphics.Color)	4280796568 (0xFF27C598)
YUV	144.6280, 3.6344, -92.6358
Hunter-Lab	65.2923, -41.8950, 12.5244

Details

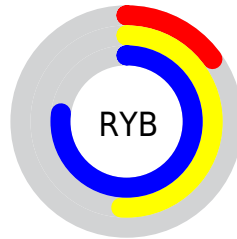
The Hex color **27C598** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C52754**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70FFCE**, and **008E65** is the 20% darker color. If you saturate the color by 10%, you get **13C592**, and if you desaturate by 10%, it is **3BC59E**.

Distribution



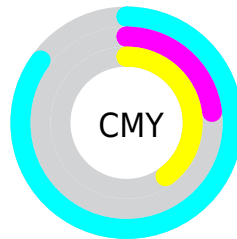
- Red (15%)
- Green (77%)
- Blue (60%)



- Red (15%)
- Yellow (51%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)



- Cyan (85%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27C598 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 27C598 by changing the saturation by 10% instead.

 27C598

 27C598

FFFFFF

 00A97E

 70FFCE

 008E65

 8FFFEB

 00744D

 ADFFFF

 005A36

 CBFFFF

 004121

 EAFFFF

 002C0B

 000900

 000000

 27C598

 27C598

 13C592

 3BC59E

 00C58D

 4EC5A3

 62C5A9

 76C5AE

 8AC5B4

 9DC5BA

 B1C5BF

 C5C5C5

 D8C5CA

Harmonies

Analogous

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



7BBF6D



27C598



00C6C8

Triad

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



27C598



91AAFF



FA946C

Complementary

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



27C598



C52754

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.



FF8896



27C598



D498EF

Square

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



27C598



00B9FF



FB8AC5



DCA552

Rectangle

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



27C598



00C4E5



FB8AC5



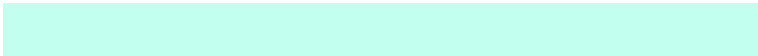
FF8F79

Sweetspot

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



27C598



C2FFEE



56C527



5B8075



000000



808080

Same Dimension

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



27C598



0AFFB9



27A5C5



5A6361



00A375



00241A

Inverse Universe

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



C52754



FF0A50



C54727



635A5C



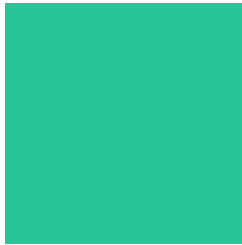
A3002E



24000A

Previews

White Background



This preview shows how the Hex color 27C598 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 27C598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

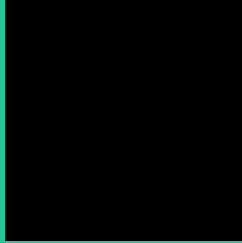
Any Text WCAG AA ✓ Pass

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 27C598 Background



This preview shows how black text looks on a background with the Hex color 27C598.

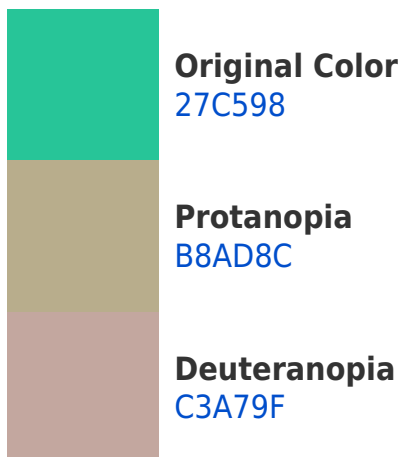


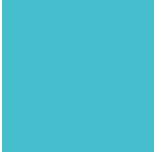
This preview shows how white text looks on a background with the Hex color 27C598.

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](#).

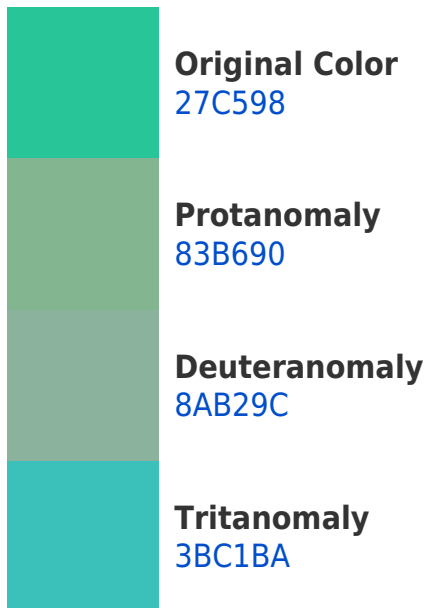
Dichromacy



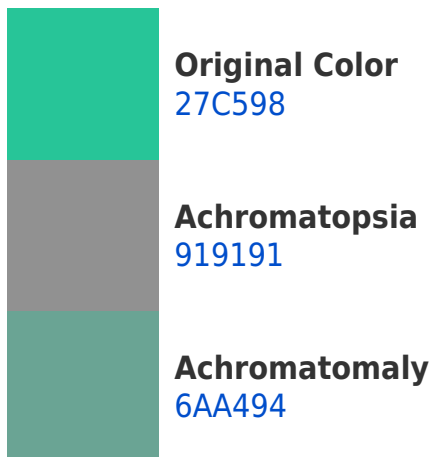


Tritanopia
47BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27C598 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 #27C598 looks like.

```
.text, #text, p{  
    color:#27C598  
}
```

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 #27C598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C598
}
```

Border

The CSS property to change the border of an element to Hex 27C598 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
#27C598 }
```

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

```
.border{ border-color:#27C598 }
```

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

Here you see how a box with a 4 pixel #27C598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C598; -webkit-box-shadow:4px 4px  
4px 4px #27C598; box-shadow:4px 4px 4px  
4px #27C598 }
```

Background

The CSS property to change the background color of an element to Hex 27C598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C598 }
```

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

```
.background{ background-color:#27C598 }
```

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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