

# Converting Colors

Hex(27BAC5)

Have a look what the booklet for  
Hex(27BAC5) contains.

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# Color

Hex(27BAC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	27BAC5
RGB	39, 186, 197
RGB Percent	15%, 73%, 77%
CMY	0.8471, 0.2706, 0.2275
CMYK	0.80, 0.06, 0.00, 0.23
HSL	184°, 67%, 46%
HSV	184°, 80%, 77%
XYZ	28.4736, 39.5804, 58.9624
YIQ	143.3010, -91.1430, -27.7430

# Conversions

## Conversions Part 2

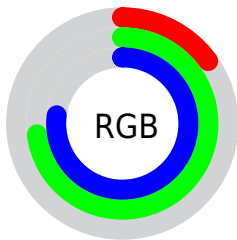
Format	Color
<a href="#">RYB</a>	<a href="#">39, 115, 197</a>
Decimal	<a href="#">2603717</a>
CIELab	<a href="#">69.17, -32.55, -16.17</a>
CIElCh	<a href="#">69, 36.349, 206.421</a>
Yxy	<a href="#">39.5804, 0.2242, 0.3116</a>
Android (android.graphics.Color)	<a href="#">4280793797</a> ( <a href="#">0xFF27BAC5</a> )
YUV	<a href="#">143.3010, 26.4736, -91.4720</a>
Hunter-Lab	<a href="#">62.9129, -29.3106, -11.5279</a>

# Details

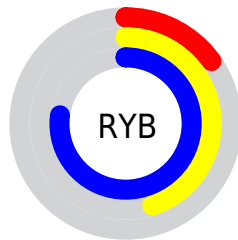
The Hex color **27BAC5** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C53227**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **72F3FE**, and **00848F** is the 20% darker color. If you saturate the color by 10%, you get **13B9C5**, and if you desaturate by 10%, it is **3BBBC5**.

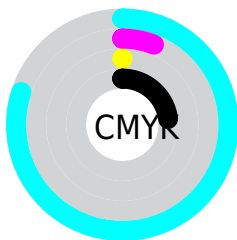
# Distribution



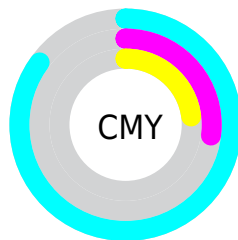
- Red (15%)
- Green (73%)
- Blue (77%)



- Red (15%)
- Yellow (45%)
- Blue (77%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (27%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27BAC5 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 27BAC5 by changing the saturation by 10% instead.



 27BAC5

 27BAC5

FFFFFF

 009FAA

 72F3FE

 00848F

 91FFFF

 006B76

 B0FFFF

 00525D

 CEFFFF

 003A45

 EDFFFF

 00252F

 00011B

 000000

 27BAC5

 27BAC5

■ 13B9C5

■ 3BBBC5

■ 00B7C5

■ 4EBDC5

■ 62BEC5

■ 76BFC5

■ 8AC1C5

■ 9DC2C5

■ B1C4C5

■ C5C5C5

■ D8C6C5

# Harmonies

## Analogous

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



4FBAA4



27BAC5



3BB6DF

# Triad

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



27BAC5



CF96CE



C2A567

# Complementary

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



27BAC5



C53227

# 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.



DC9A73



27BAC5



E590AE

# Square

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



27BAC5



A7A2E4



E9918D



A1B06D

# Rectangle

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



27BAC5



60B1E8



E9918D



CCA269



# Sweetspot

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



27BAC5



C2FBFF



27C532



5B7D80



000000



808080



# Same Dimension

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



27BAC5



0AE EFF



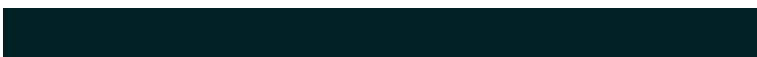
276BC5



5A6363



0098A3



002124



# Inverse Universe

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



C527BA



FF0AEE



C58127



635A63



A30098

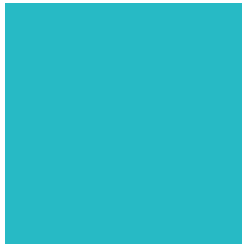


240021



# Previews

## White Background



This preview shows how the Hex color 27BAC5 looks on a white background.

## Color Contrast Check

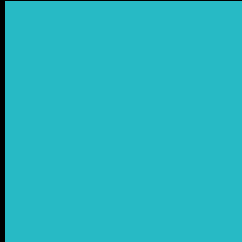
Large Text (above 18pt) WCAG AA × Fail

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 27BAC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

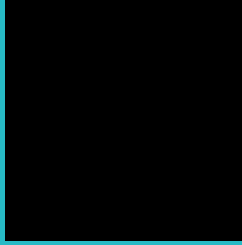
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

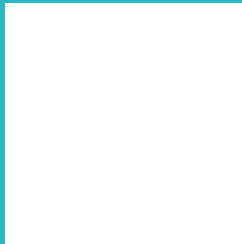
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27BAC5 Background



This preview shows how black text looks on a background with the Hex color 27BAC5.

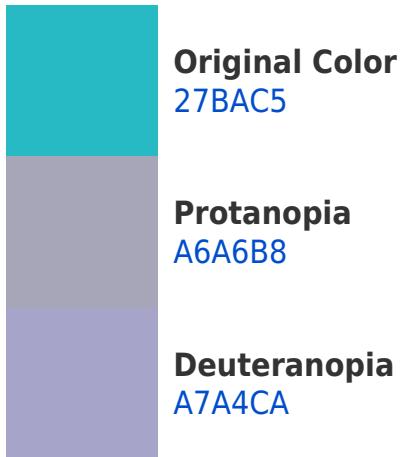


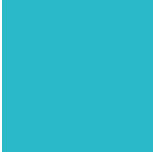
This preview shows how white text looks on a background with the Hex color 27BAC5.

# 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](#).

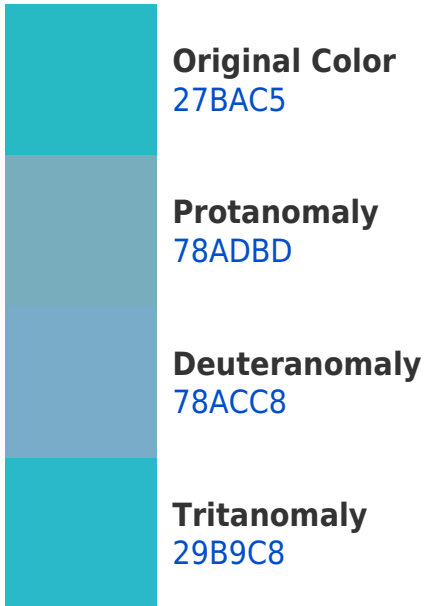
## Dichromacy



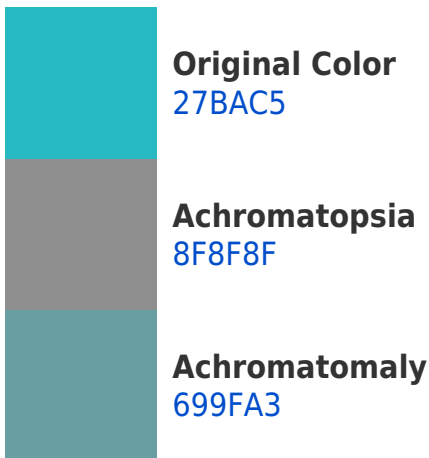


**Tritanopia**  
2AB9C9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27BAC5 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 #27BAC5 looks like.

```
.text, #text, p{  
    color:#27BAC5  
}
```

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 #27BAC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27BAC5
}
```

## Border

The CSS property to change the border of an element to Hex 27BAC5 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
#27BAC5 }
```

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

```
.border{ border-color:#27BAC5 }
```

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

Here you see how a box with a 4 pixel #27BAC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27BAC5; -webkit-box-shadow:4px 4px  
4px 4px #27BAC5; box-shadow:4px 4px 4px  
4px #27BAC5 }
```

# Background

The CSS property to change the background color of an element to Hex 27BAC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27BAC5 }
```

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

```
.background{ background-color:#27BAC5 }
```

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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