

Converting Colors

Hex(27ACBA)

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

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Color

Hex(27ACBA)

Conversions

Conversions Part 1

Format	Color
Hex	27ACBA
RGB	39, 172, 186
RGB Percent	15%, 67%, 73%
CMY	0.8471, 0.3255, 0.2706
CMYK	0.79, 0.08, 0.00, 0.27
HSL	186°, 65%, 44%
HSV	186°, 79%, 73%
XYZ	24.4522, 33.4816, 51.6282
YIQ	133.8290, -83.7620, -23.8420

Conversions

Conversions Part 2

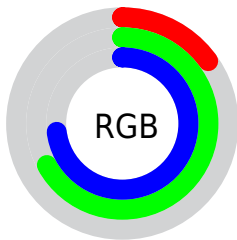
Format	Color
RYB	39, 109, 186
Decimal	2600122
CIELab	64.55, -29.19, -17.08
CIELCh	65, 33.821, 210.331
Yxy	33.4816, 0.2232, 0.3056
Android (android.graphics.Color)	4280790202 (0xFF27ACBA)
YUV	133.8290, 25.7203, -83.1650
Hunter-Lab	57.8632, -25.8292, -12.3969

Details

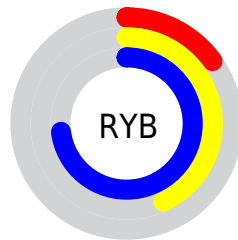
The Hex color **27ACBA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA3527**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6FE4F2**, and **007785** is the 20% darker color. If you saturate the color by 10%, you get **14AABA**, and if you desaturate by 10%, it is **3AAEBA**.

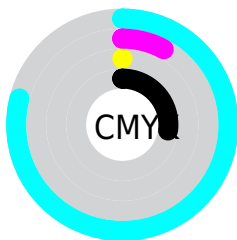
Distribution



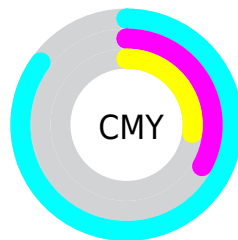
- Red (15%)
- Green (67%)
- Blue (73%)



- Red (15%)
- Yellow (43%)
- Blue (73%)



- Cyan (79%)
- Magenta (8%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 27ACBA

■ 27ACBA

FFFFFF

■ 00919F

■ 6FE4F2

■ 007785

■ 8DFFFF

■ 005E6C

■ ABFFFF

■ 004653

■ C9FFFF

■ 002F3C

■ E8FFFF

■ 001A26

■ 000111

■ 000000

■ 27ACBA

■ 27ACBA

■ 14AABA

■ 3AAEBA

■ 02A8BA

■ 4CB0BA

■ 00A8BA

■ 5FB1BA

■ 71B3BA

■ 84B5BA

■ 97B7BA

■ A9B8BA

■ BCBABA

■ CEBCBA

Harmonies

Analogous

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



46AD9C



27ACBA



40A8D0

Triad

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



27ACBA



C38ABB



B09B60

Complementary

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



27ACBA



BA3527

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.



C99069



27ACBA



D5859D

Square

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



27ACBA



A195D1



D78880



91A467

Rectangle

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



27ACBA



61A2D8



D78880



BA9761

Sweetspot

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



27ACBA



B8EDF2



27BA33



57777A



FAFAFA



7A7A7A

Same Dimension

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



27ACBA



0CDCF2



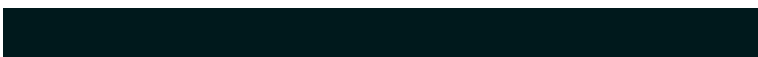
2764BA



535B5C



008D9C



00191C

Inverse Universe

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



BA27AC



F20CDC



BA7D27



5C535B



9C008D



1C0019

Previews

White Background



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

Color Contrast Check

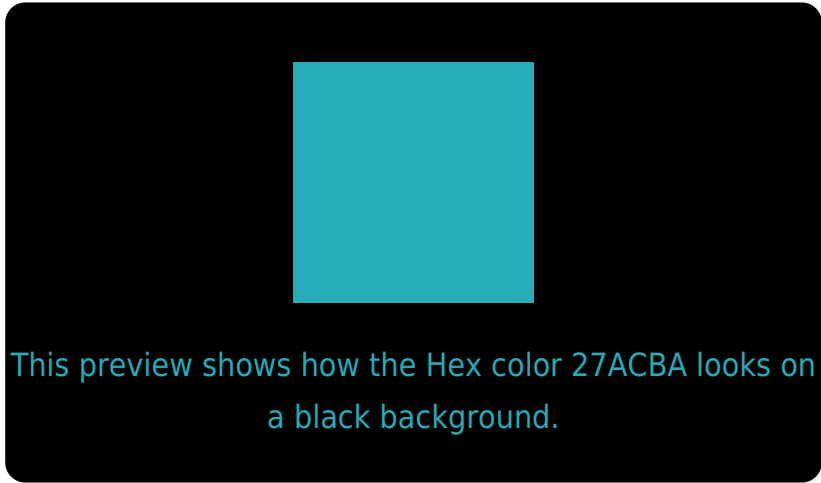
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

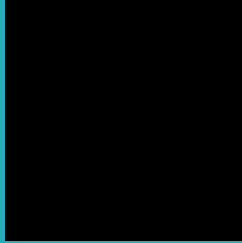
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

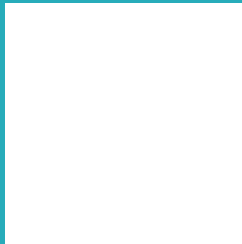
Any Text WCAG AAA ✓ Pass

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

Hex 27ACBA Background



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

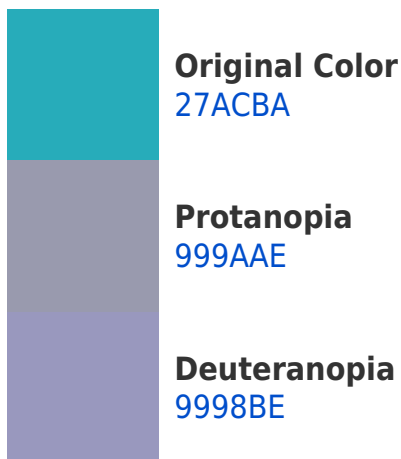


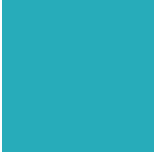
This preview shows how white text looks on a background with the Hex color 27ACBA.

Color Blindness Simulation

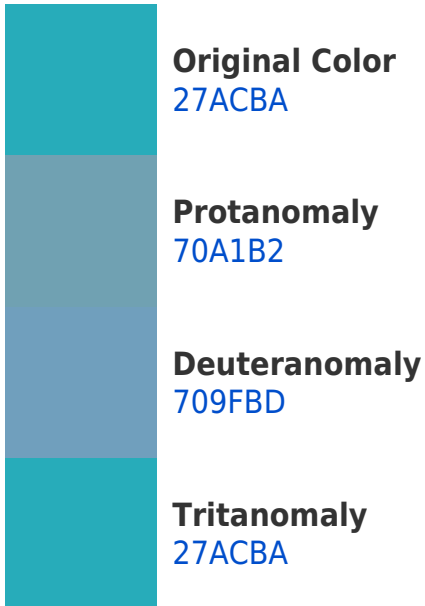
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

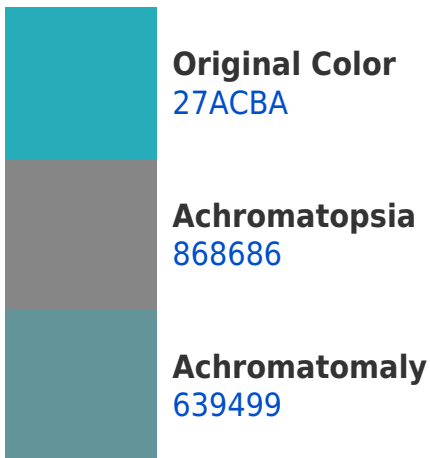




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #27ACBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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