

Converting Colors

Hex(27A5CE)

Have a look what the booklet for
Hex(27A5CE) contains.

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Color

Hex(27A5CE)

Conversions

Conversions Part 1

Format	Color
Hex	27A5CE
RGB	39, 165, 206
RGB Percent	15%, 65%, 81%
CMY	0.8471, 0.3529, 0.1922
CMYK	0.81, 0.20, 0.00, 0.19
HSL	195°, 68%, 48%
HSV	195°, 81%, 81%
XYZ	25.4324, 31.7978, 63.1897
YIQ	132.0000, -88.2570, -13.9610

Conversions

Conversions Part 2

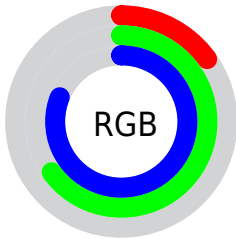
Format	Color
R_{YB}	39, 111, 206
Decimal	2598350
CIE _{Lab}	63.18, -19.08, -30.31
CIE _{LCh}	63, 35.818, 237.817
Yxy	31.7978, 0.2112, 0.2641
Android (android.graphics.Color)	4280788430 (0xFF27A5CE)
YUV	132.0000, 36.4820, -81.5610
Hunter-Lab	56.3896, -18.1760, -26.9672

Details

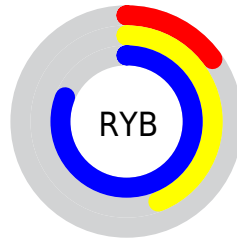
The Hex color **27A5CE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CE5027**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **71DCFF**, and **007198** is the 20% darker color. If you saturate the color by 10%, you get **12A0CE**, and if you desaturate by 10%, it is **3CAACE**.

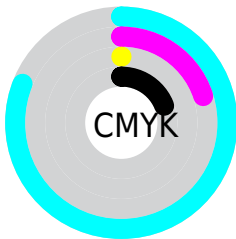
Distribution



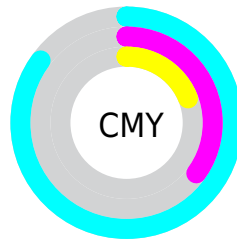
- Red (15%)
- Green (65%)
- Blue (81%)



- Red (15%)
- Yellow (44%)
- Blue (81%)



- Cyan (81%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (85%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27A5CE 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 27A5CE by changing the saturation by 10% instead.

■ 27A5CE

■ 27A5CE

FFFFFF

■ 008BB2

■ 71DCFF

■ 007198

■ 90F9FF

■ 00587E

■ AEFFFF

■ 004164

■ CDFFFF

■ 002B4C

■ EBFFFF

■ 001635

■ 000220

■ 000003

■ 000000

■ 27A5CE

■ 27A5CE

■ 12A0CE

■ 3CAACE

■ 009BCE

■ 50AFCE

■ 65B4CE

■ 79B9CE

■ 8EBECE

■ A3C3CE

■ B7C8CE

■ CCCDCE

■ E0D3CE

Harmonies

Analogous

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



00A9B6



27A5CE



669DD8

Triad

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



27A5CE



D3809D



8FA05F

Complementary

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



27A5CE



CE5027

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.



B09659



27A5CE



D6827D

Square

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



27A5CE



BF86BB



C98B64



69A776

Rectangle

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



27A5CE



8995D5



C98B64



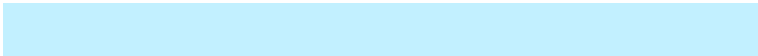
9B9D5B

Sweetspot

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



27A5CE



C2F0FF



27CE4E



5B7680



000000



808080

Same Dimension

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



27A5CE



08C2FF



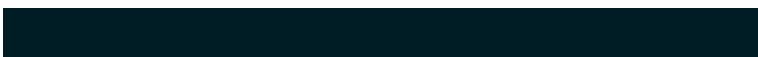
2754CE



5C6366



007DA6



001D26

Inverse Universe

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



CE27A5



FF08C2



CEA127



665C63



A6007D



26001D

Previews

White Background



This preview shows how the Hex color 27A5CE looks on a white background.

Color Contrast Check

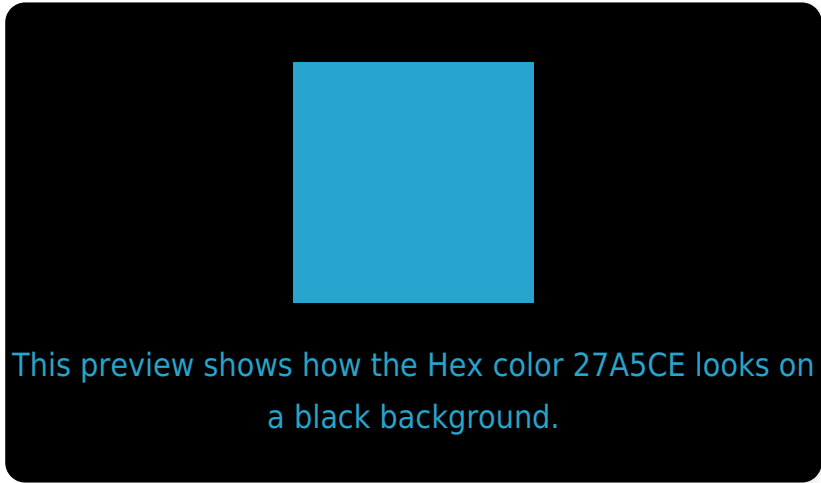
Large Text (above 18pt) WCAG AA × Fail

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 27A5CE Background



This preview shows how black text looks on a background with the Hex color 27A5CE.

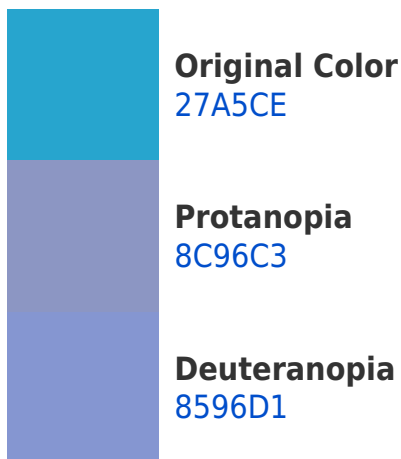


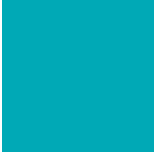
This preview shows how white text looks on a background with the Hex color 27A5CE.

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](#).

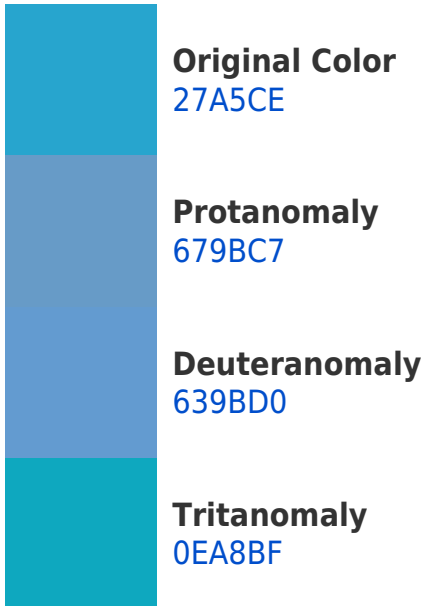
Dichromacy





Tritanopia
00A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27A5CE 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 #27A5CE looks like.

```
.text, #text, p{  
    color:#27A5CE  
}
```

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 #27A5CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A5CE
}
```

Border

The CSS property to change the border of an element to Hex 27A5CE 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
#27A5CE }
```

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

```
.border{ border-color:#27A5CE }
```

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

Here you see how a box with a 4 pixel #27A5CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A5CE; -webkit-box-shadow:4px 4px  
4px 4px #27A5CE; box-shadow:4px 4px 4px  
4px #27A5CE }
```

Background

The CSS property to change the background color of an element to Hex 27A5CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A5CE }
```

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

```
.background{ background-color:#27A5CE }
```

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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