

Converting Colors

Hex(27ABEF)

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

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Color

Hex(27ABEF)

Conversions

Conversions Part 1

Format	Color
Hex	27ABEF
RGB	39, 171, 239
RGB Percent	15%, 67%, 94%
CMY	0.8471, 0.3294, 0.0627
CMYK	0.84, 0.28, 0.00, 0.06
HSL	200°, 86%, 55%
HSV	200°, 84%, 94%
XYZ	30.9796, 35.7891, 86.9366
YIQ	139.2840, -100.5000, -6.8360

Conversions

Conversions Part 2

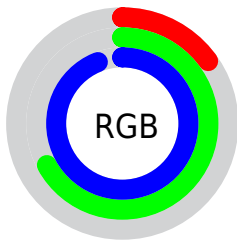
Format	Color
R _Y B	39, 119, 239
Decimal	2599919
CIE Lab	66.36, -10.90, -43.55
CIE LCh	66, 44.888, 255.953
Yxy	35.7891, 0.2016, 0.2328
Android (android.graphics.Color)	4280789999 (0xFF27ABEF)
YUV	139.2840, 49.1600, -87.9491
Hunter-Lab	59.8240, -12.2567, -44.2837

Details

The Hex color **27ABEF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **EF6B27**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **77E2FF**, and **0077B7** is the 20% darker color. If you saturate the color by 10%, you get **0FA3EF**, and if you desaturate by 10%, it is **3FB3EF**.

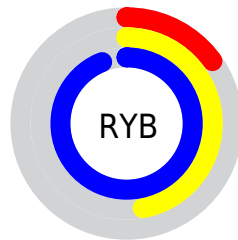
Distribution



Red (15%)

Green (67%)

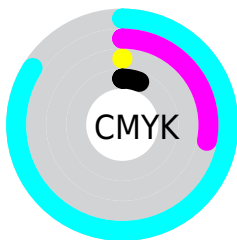
Blue (94%)



Red (15%)

Yellow (47%)

Blue (94%)

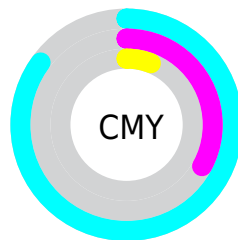


Cyan (84%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (85%)

Magenta (33%)

Yellow (6%)

Brightness & Saturation Gradients

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

■ 27ABEF

■ 27ABEF

FFFFFF

■ 0091D2

■ 77E2FF

■ 0077B7

■ 97FFFF

■ 005E9C

■ B7FFFF

■ 004781

■ D6FFFF

■ 003168

■ F5FFFF

■ 001D4F

■ 000538

■ 000221

■ 000007

■ 27ABEF

■ 27ABEF

■ 0FA3EF

■ 3FB3EF

■ 009EEF

■ 57BBEF

■ 6FC3EF

■ 87CCEF

■ 9FD4EF

■ B6DCEF

■ CEE4EF

■ E6ECEF

■ FEF4EF

Harmonies

Analogous

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



00B3DA



27ABEF



879EEF

Triad

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



27ABEF



EE818D



77AF67

Complementary

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



27ABEF



EF6B27

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.



A5A651



27ABEF



E48A69

Square

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



27ABEF



E383B6



CA9852



39B58C

Rectangle

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



27ABEF



B094E3



CA9852



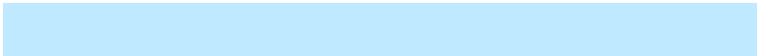
88AD5E

Sweetspot

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



27ABEF



BFE9FF



27EF6A



597280



000000



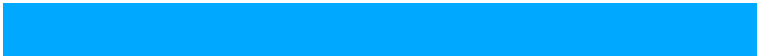
808080

Same Dimension

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



27ABEF



00A8FF



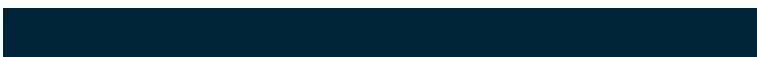
2748EF



6C7478



0079B8



002538

Inverse Universe

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



EF27AB



FF00A8



EFCE27



786C74



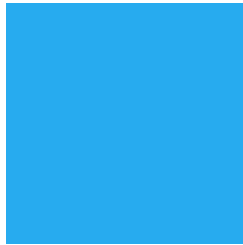
B80079



380025

Previews

White Background



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

Color Contrast Check

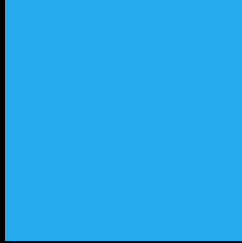
Large Text (above 18pt) WCAG AA × Fail

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 27ABEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

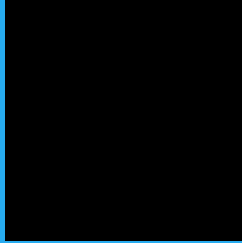
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

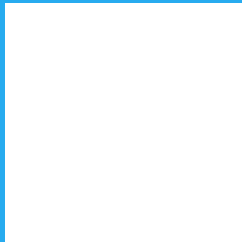
Any Text WCAG AAA ✓ Pass

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

Hex 27ABEF Background



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

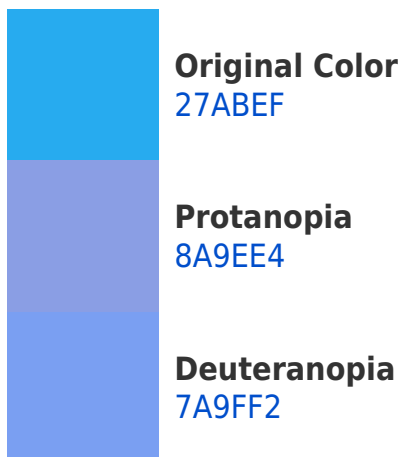


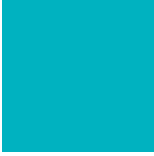
This preview shows how white text looks on a background with the Hex color 27ABEF.

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](#).

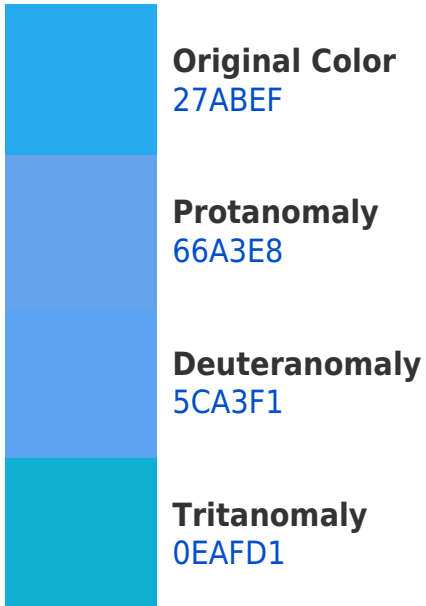
Dichromacy





Tritanopia
00B2C0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #27ABEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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