

# Converting Colors

Hex(27DEFA)

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

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# **Color**

**Hex(27DEFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27DEFA
RGB	39, 222, 250
RGB Percent	15%, 87%, 98%
CMY	0.8471, 0.1294, 0.0196
CMYK	0.84, 0.11, 0.00, 0.02
HSL	188°, 95%, 57%
HSV	188°, 84%, 98%
XYZ	44.2133, 59.5760, 99.6115
YIQ	170.4750, -118.0560, -30.0880

# Conversions

## Conversions Part 2

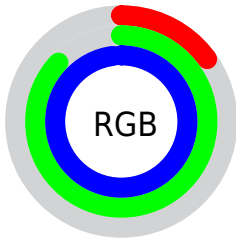
Format	Color
<a href="#">RYB</a>	<a href="#">39, 137, 250</a>
Decimal	<a href="#">2612986</a>
CIELab	<a href="#">81.61, -33.31, -25.87</a>
CIELCh	<a href="#">82, 42.171, 217.832</a>
Yxy	<a href="#">59.5760, 0.2174, 0.2929</a>
Android (android.graphics.Color)	<a href="#">4280803066 (0xFF27DEFA)</a>
YUV	<a href="#">170.4750, 39.2058, -115.3036</a>
Hunter-Lab	<a href="#">77.1855, -32.8265, -22.4867</a>

# Details

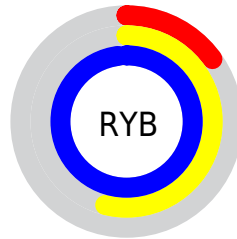
The Hex color **27DEFA** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FA4327**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7DFFFF**, and **00A6C1** is the 20% darker color. If you saturate the color by 10%, you get **0EDBFA**, and if you desaturate by 10%, it is **40E1FA**.

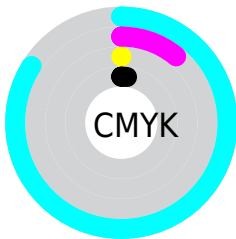
# Distribution



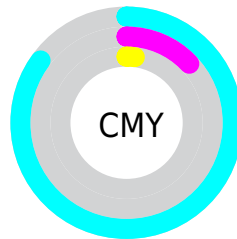
- Red (15%)
- Green (87%)
- Blue (98%)



- Red (15%)
- Yellow (54%)
- Blue (98%)



- Cyan (84%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (85%)
- Magenta (13%)
- Yellow (2%)

# Brightness & Saturation Gradients

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



 27DEFA

FFFFFF

 7DFFFF

 9FFFFFF

 BFFFFFF

 DFFFFFF

 27DEFA

 00C2DD

 00A6C1

 008CA6

 00728C

 005972

 00415A

 002A42

 000E2C

 000117

■ 27DEFA

■ 27DEFA

■ 0EDBFA

■ 40E1FA

■ 00D9FA

■ 59E5FA

■ 72E8FA

■ 8BEBFA

■ A4E9FA

■ BDF2FA

■ D6F5FA

■ EFF9FA

■ FFFCFA

# Harmonies

## Analogous

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



49E0D4



27DEFA



5FD7FF

# Triad

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



27DEFA



FFB0E9



DBCC7C

# Complementary

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



27DEFA



FA4327

# 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.



FEBE82



27DEFA



FFACC2

# Square

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



27DEFA



DDBDFF



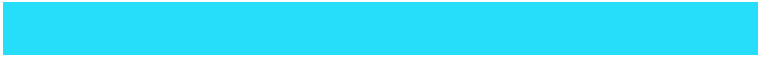
FFB29C



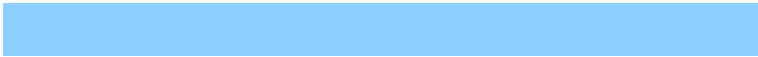
B0D78B

# Rectangle

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



27DEFA



8DD0FF



FFB29C

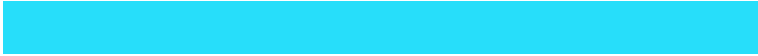


E8C77B



# Sweetspot

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



27DEFA



BFF7FF



27FA40



597A80



000000



808080

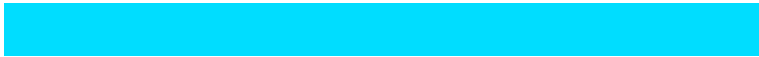


# Same Dimension

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



27DEFA



00DDFF



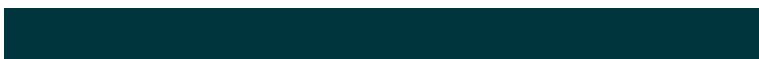
2778FA



707B7D



00A4BD



00353D



# Inverse Universe

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



FA27DE



FF00DD



FAA927



7D707B



BD00A4

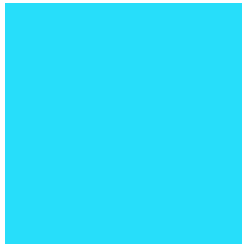


3D0035



# Previews

## White Background



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

## Color Contrast Check

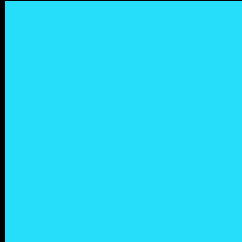
Large Text (above 18pt) WCAG AA × Fail

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 27DEFA 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 27DEFA Background



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

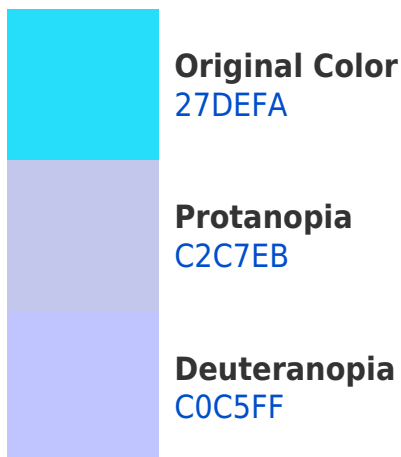


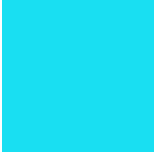
This preview shows how white text looks on a background with the Hex color 27DEFA.

# 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](#).

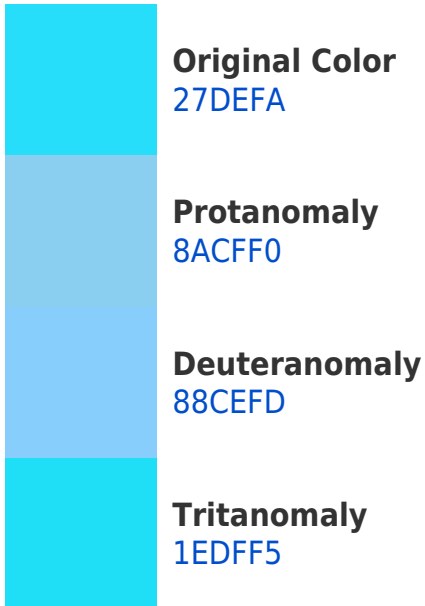
## Dichromacy



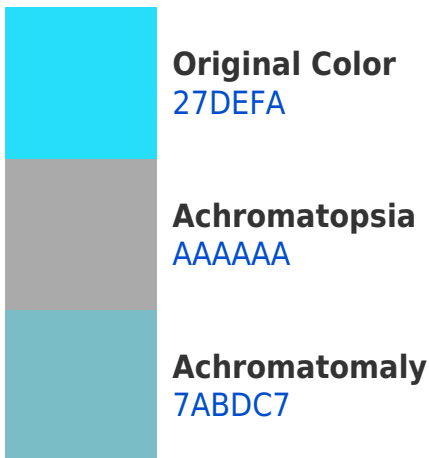


**Tritanopia**  
19DFF2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #27DEFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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