

# Converting Colors

Hex(27C2F2)

Have a look what the booklet for  
Hex(27C2F2) contains.

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# **Color**

**Hex(27C2F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27C2F2
RGB	39, 194, 242
RGB Percent	15%, 76%, 95%
CMY	0.8471, 0.2392, 0.0510
CMYK	0.84, 0.20, 0.00, 0.05
HSL	194°, 89%, 55%
HSV	194°, 84%, 95%
XYZ	36.1555, 45.4257, 90.8668
YIQ	153.1270, -107.7880, -17.9320

# Conversions

## Conversions Part 2

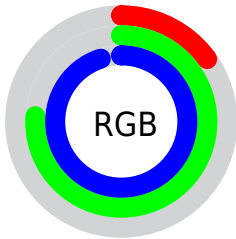
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 127, 242
Decimal	2605810
CIE <sub>Lab</sub>	73.17, -22.08, -34.55
CIE <sub>LCh</sub>	73, 41.004, 237.427
Yxy	45.4257, 0.2097, 0.2634
Android (android.graphics.Color)	4280795890 (0xFF27C2F2)
YUV	153.1270, 43.8144, -100.0894
Hunter-Lab	67.3986, -22.1925, -32.7558

# Details

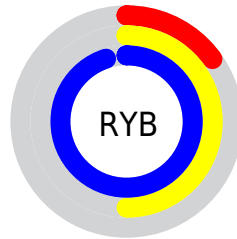
The Hex color **27C2F2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F25727**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **79FBFF**, and **008CBA** is the 20% darker color. If you saturate the color by 10%, you get **0FBCF2**, and if you desaturate by 10%, it is **3FC8F2**.

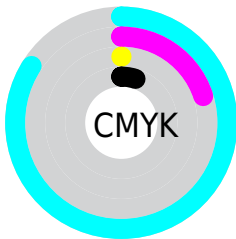
# Distribution



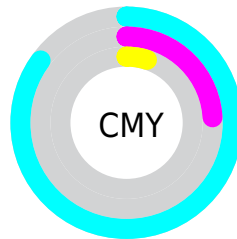
- Red (15%)
- Green (76%)
- Blue (95%)



- Red (15%)
- Yellow (50%)
- Blue (95%)



- Cyan (84%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (85%)
- Magenta (24%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27C2F2 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 27C2F2 by changing the saturation by 10% instead.



 27C2F2

 27C2F2

FFFFFF

 00A7D6

 79FBFF

 008CBA

 9AFFFF

 00739F

 BAFFFF

 005A84

 D9FFFF

 00426B

 F9FFFF

 002C52

 00173B

 000225

 00010D

 27C2F2

 27C2F2

 0FBCF2

 3FC8F2

 00B9F2

 57CDF2

 70D3F2

 88D9F2

 A0DFF2

 B8E4F2

 D0EAF2

 E9F0F2

 FFF5F2

# Harmonies

## Analogous

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



00C7D5



27C2F2



76B8FE

# Triad

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



27C2F2



F896B8



A9BC6F

# Complementary

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



27C2F2



F25727

# 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.



CFB068



27C2F2



FC9993

# Square

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



27C2F2



E09EDD



ECA375



7CC48A

# Rectangle

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



27C2F2



A0B0FB



ECA375



B6B86B

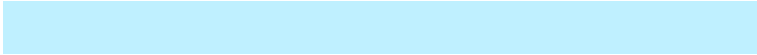


# Sweetspot

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



27C2F2



BFF0FF



27F256



597680



000000



808080



# Same Dimension

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



27C2F2



00C3FF



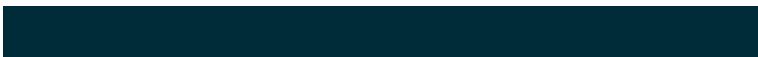
275DF2



6C7578



008CB8



002B38



# Inverse Universe

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



F227C2



FF00C3



F2BC27



786C75



B8008C

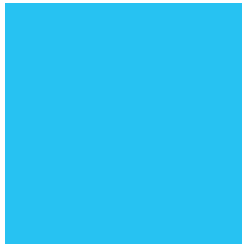


38002B



# Previews

## White Background



This preview shows how the Hex color 27C2F2 looks on a white background.

## Color Contrast Check

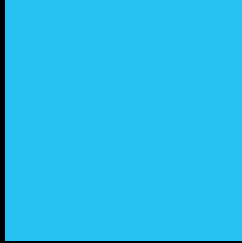
Large Text (above 18pt) WCAG AA × Fail

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 27C2F2 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 27C2F2 Background



This preview shows how black text looks on a background with the Hex color 27C2F2.

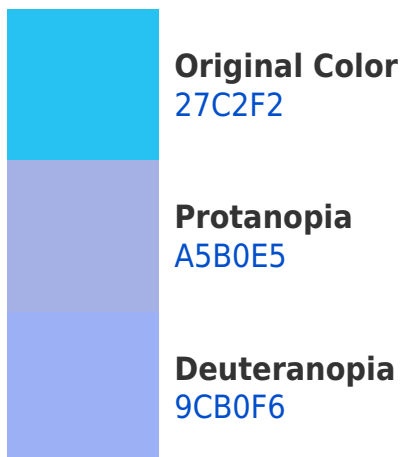


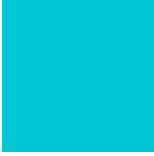
This preview shows how white text looks on a background with the Hex color 27C2F2.

# 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](#).

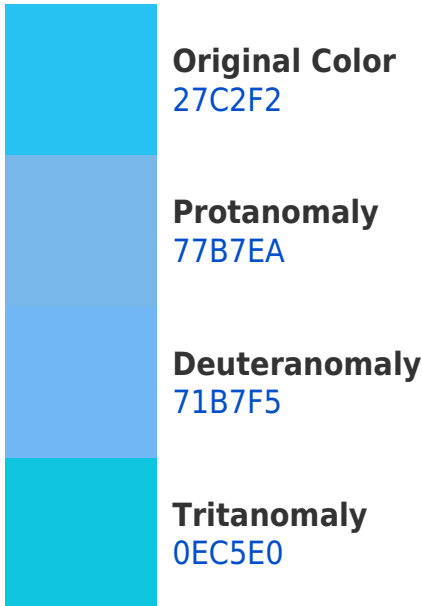
## Dichromacy





**Tritanopia**  
00C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27C2F2 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 #27C2F2 looks like.

```
.text, #text, p{  
    color:#27C2F2  
}
```

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 #27C2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C2F2
}
```

## Border

The CSS property to change the border of an element to Hex 27C2F2 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
#27C2F2 }
```

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

```
.border{ border-color:#27C2F2 }
```

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

Here you see how a box with a 4 pixel #27C2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C2F2; -webkit-box-shadow:4px 4px  
4px 4px #27C2F2; box-shadow:4px 4px 4px  
4px #27C2F2 }
```

# Background

The CSS property to change the background color of an element to Hex 27C2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C2F2 }
```

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

```
.background{ background-color:#27C2F2 }
```

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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