

Converting Colors

Hex(27CFD8)

Have a look what the booklet for
Hex(27CFD8) contains.

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Color

Hex(27CFD8)

Conversions

Conversions Part 1

Format	Color
Hex	27CFD8
RGB	39, 207, 216
RGB Percent	15%, 81%, 85%
CMY	0.8471, 0.1882, 0.1529
CMYK	0.82, 0.04, 0.00, 0.15
HSL	183°, 69%, 50%
HSV	183°, 82%, 85%
XYZ	35.5442, 50.0149, 72.7462
YIQ	157.7940, -103.0170, -32.8170

Conversions

Conversions Part 2

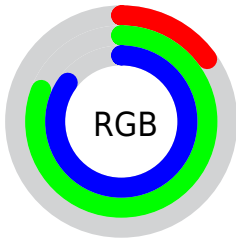
Format	Color
RYB	39, 125, 216
Decimal	2609112
CIELab	76.08, -36.66, -16.09
CIElCh	76, 40.034, 203.692
Yxy	50.0149, 0.2245, 0.3159
Android (android.graphics.Color)	4280799192 (0xFF27CFD8)
YUV	157.7940, 28.6956, -104.1823
Hunter-Lab	70.7212, -34.0486, -11.4829

Details

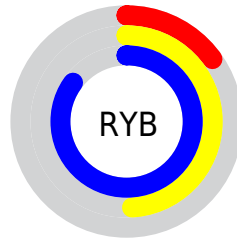
The Hex color **27CFD8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D83027**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **77FFFF**, and **0098A1** is the 20% darker color. If you saturate the color by 10%, you get **11CED8**, and if you desaturate by 10%, it is **3DD0D8**.

Distribution



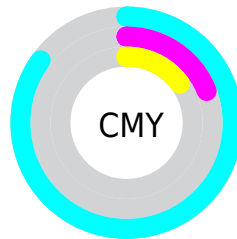
- Red (15%)
- Green (81%)
- Blue (85%)



- Red (15%)
- Yellow (49%)
- Blue (85%)



- Cyan (82%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27CFD8 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 27CFD8 by changing the saturation by 10% instead.

 27CFD8

 27CFD8

FFFFFF

 00B3BC

 77FFFF

 0098A1

 97FFFF

 007E87

 B7FFFF

 00646E

 D6FFFF

 004B55

 F5FFFF

 00343E

 001F28

 000114

 000000

■ 27CFD8

■ 27CFD8

■ 11CED8

■ 3DD0D8

■ 00CDD8

■ 52D1D8

■ 68D2D8

■ 7DD3D8

■ 93D4D8

■ A9D6D8

■ BED7D8

■ D4D8D8

■ E9D9D8

Harmonies

Analogous

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



5BCFB2



27CFD8



37CBF6

Triad

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



27CFD8



E3A8E8



DBB772

Complementary

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



27CFD8



D83027

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.



F7AA81



27CFD8



FEA0C5

Square

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



27CFD8



B5B5FF



FFA1A0



B6C277

Rectangle

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



27CFD8



63C5FF



FFA1A0



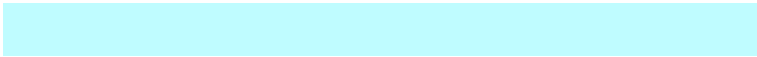
E6B275

Sweetspot

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



27CFD8



BFFCFF



27D830



597E80



000000



808080

Same Dimension

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



27CFD8



05F2FF



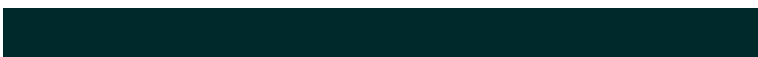
2777D8



606B6B



00A2AB



00292B

Inverse Universe

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



D827CF



FF05F2



D88827



6B606B



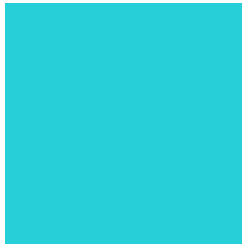
AB00A2



2B0029

Previews

White Background



This preview shows how the Hex color 27CFD8 looks on a white background.

Color Contrast Check

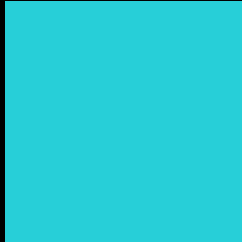
Large Text (above 18pt) WCAG AA × Fail

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 27CFD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

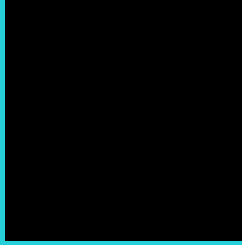
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

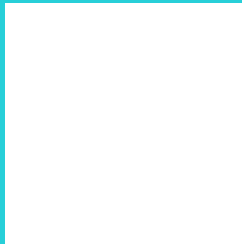
Any Text WCAG AAA ✓ Pass

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

Hex 27CFD8 Background



This preview shows how black text looks on a background with the Hex color 27CFD8.

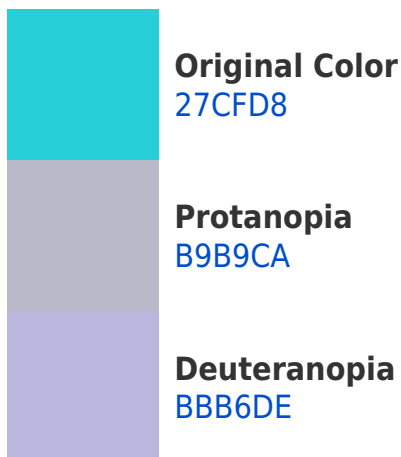


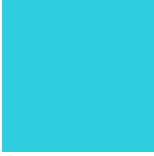
This preview shows how white text looks on a background with the Hex color 27CFD8.

Color Blindness Simulation

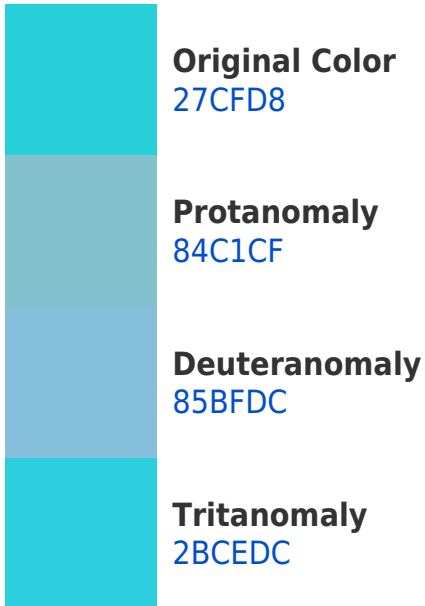
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27CFD8 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 #27CFD8 looks like.

```
.text, #text, p{  
    color:#27CFD8  
}
```

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 #27CFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27CFD8
}
```

Border

The CSS property to change the border of an element to Hex 27CFD8 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
#27CFD8 }
```

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

```
.border{ border-color:#27CFD8 }
```

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

Here you see how a box with a 4 pixel #27CFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27CFD8; -webkit-box-shadow:4px 4px  
4px 4px #27CFD8; box-shadow:4px 4px 4px  
4px #27CFD8 }
```

Background

The CSS property to change the background color of an element to Hex 27CFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27CFD8 }
```

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

```
.background{ background-color:#27CFD8 }
```

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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