

# Converting Colors

Hex(22D6DB)

Have a look what the booklet for  
Hex(22D6DB) contains.

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# **Color**

**Hex(22D6DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22D6DB
RGB	34, 214, 219
RGB Percent	13%, 84%, 86%
CMY	0.8667, 0.1608, 0.1412
CMYK	0.84, 0.02, 0.00, 0.14
HSL	182°, 73%, 50%
HSV	182°, 84%, 86%
XYZ	37.4924, 53.5477, 75.3775
YIQ	160.7500, -108.8850, -36.6050

# Conversions

## Conversions Part 2

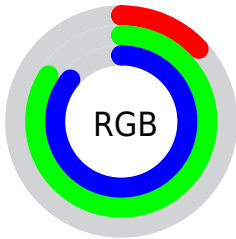
Format	Color
<a href="#">RYB</a>	<a href="#">34, 125, 219</a>
Decimal	<a href="#">2283227</a>
CIELab	<a href="#">78.20, -39.33, -14.52</a>
CIElCh	<a href="#">78, 41.921, 200.260</a>
Yxy	<a href="#">53.5477, 0.2253, 0.3218</a>
Android (android.graphics.Color)	<a href="#">4280473307</a> ( <a href="#">0xFF22D6DB</a> )
YUV	<a href="#">160.7500, 28.7172, -111.1598</a>
Hunter-Lab	<a href="#">73.1763, -36.6026, -9.8501</a>

# Details

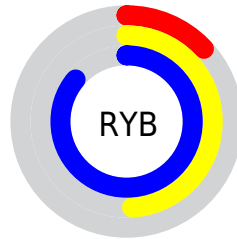
The Hex color **22D6DB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DB2722**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **76FFFF**, and **009FA4** is the 20% darker color. If you saturate the color by 10%, you get **0CD5DB**, and if you desaturate by 10%, it is **38D7DB**.

# Distribution



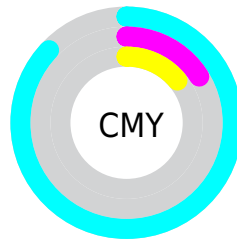
- Red (13%)
- Green (84%)
- Blue (86%)



- Red (13%)
- Yellow (49%)
- Blue (86%)



- Cyan (84%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (87%)
- Magenta (16%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22D6DB 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 22D6DB by changing the saturation by 10% instead.



22D6DB

22D6DB

FFFFFF

00BABF

76FFFF

009FA4

97FFFF

00848A

B7FFFF

006A70

D6FFFF

005158

F6FFFF

003941

00242B

000117

000000

■ 22D6DB

■ 22D6DB

■ 0CD5DB

■ 38D7DB

■ 00D5DB

■ 4ED7DB

■ 64D8DB

■ 7AD8DB

■ 90D9DB

■ A5DADB

■ BBDADB

■ D1DBDB

■ E7DBDB

# Harmonies

## Analogous

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



60D5B3



22D6DB



27D2FC

# Triad

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



22D6DB



E6AEF4



E6BB74

# Complementary

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



22D6DB



DB2722

# 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.



FFAD87



22D6DB



FFA4D0

# Square

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



22D6DB



B3BCFF



FFA4A8



C0C777

# Rectangle

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



22D6DB



5ACDFE



FFA4A8



F1B679



# Sweetspot

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



22D6DB



BFFDFF



22DB25



597E80



000000



808080



# Same Dimension

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



22D6DB



00F8FF



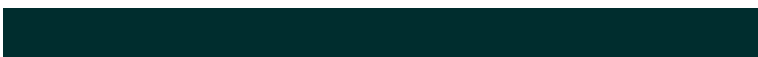
227BDB



636D6E



00A9AD



002D2E



# Inverse Universe

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



DB22D6



FF00F8



DB8222



6E636D



AD00A9

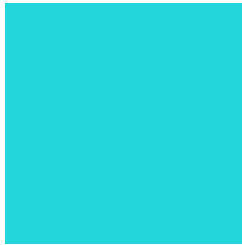


2E002D



# Previews

## White Background



This preview shows how the Hex color 22D6DB looks on a white background.

## Color Contrast Check

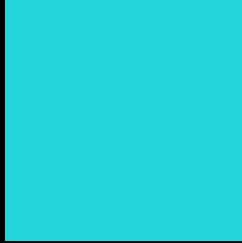
Large Text (above 18pt) WCAG AA × Fail

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 22D6DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

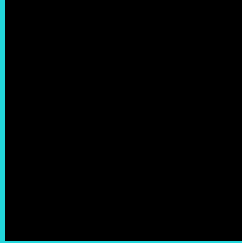
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 22D6DB Background



This preview shows how black text looks on a background with the Hex color 22D6DB.

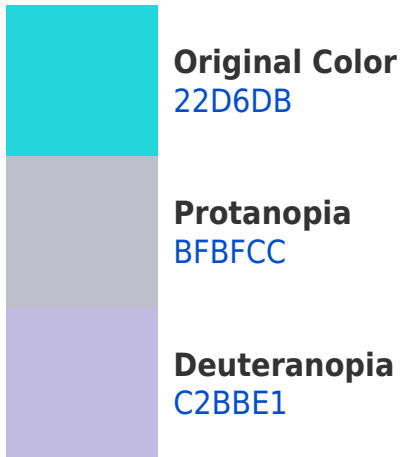


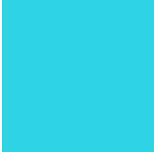
This preview shows how white text looks on a background with the Hex color 22D6DB.

# 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**  
2ED4E6

# Trichromacy



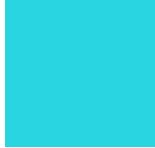
**Original Color**  
22D6DB



**Protanomaly**  
86C7D1



**Deuteranomaly**  
88C5DF



**Tritanomaly**  
2AD5E2

# Monochromacy



**Original Color**  
22D6DB



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
73B4B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22D6DB 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 #22D6DB looks like.

```
.text, #text, p{  
    color:#22D6DB  
}
```

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 #22D6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22D6DB
}
```

## Border

The CSS property to change the border of an element to Hex 22D6DB 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
#22D6DB }
```

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

```
.border{ border-color:#22D6DB }
```

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

Here you see how a box with a 4 pixel #22D6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22D6DB; -webkit-box-shadow:4px 4px  
4px 4px #22D6DB; box-shadow:4px 4px 4px  
4px #22D6DB }
```

# Background

The CSS property to change the background color of an element to Hex 22D6DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22D6DB }
```

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

```
.background{ background-color:#22D6DB }
```

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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