

Converting Colors

Hex(22DFCE)

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

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Color

Hex(22DFCE)

Conversions

Conversions Part 1

Format	Color
Hex	22DFCE
RGB	34, 223, 206
RGB Percent	13%, 87%, 81%
CMY	0.8667, 0.1255, 0.1922
CMYK	0.85, 0.00, 0.08, 0.13
HSL	175°, 75%, 50%
HSV	175°, 85%, 87%
XYZ	38.1879, 57.5717, 67.4922
YIQ	164.5510, -107.1870, -45.3550

Conversions

Conversions Part 2

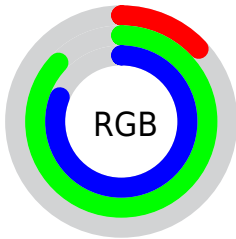
Format	Color
RYB	34, 133, 223
Decimal	2285518
CIELab	80.50, -47.00, -4.15
CIELCh	81, 47.183, 185.044
Yxy	57.5717, 0.2339, 0.3527
Android (android.graphics.Color)	4280475598 (0xFF22DFCE)
YUV	164.5510, 20.4344, -114.4932
Hunter-Lab	75.8760, -42.9450, 0.3743

Details

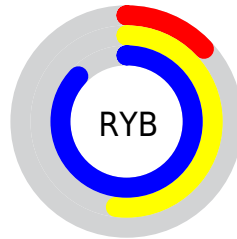
The Hex color **22DFCE** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DF2233**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **76FFFF**, and **00A798** is the 20% darker color. If you saturate the color by 10%, you get **0CDFCC**, and if you desaturate by 10%, it is **38DFD0**.

Distribution



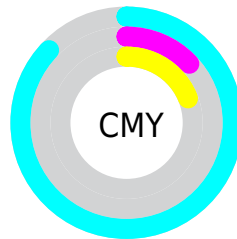
- Red (13%)
- Green (87%)
- Blue (81%)



- Red (13%)
- Yellow (52%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 22DFCE

 22DFCE

FFFFFF

 00C3B3

 76FFFF

 00A798

 97FFFF

 008C7E

 B7FFFF

 007265

 D6FFFF

 00584D

 F6FFFF

 003F37

 002A21

 00040C

 000000

■ 22DFCE

■ 22DFCE

■ 0CDFCC

■ 38DFD0

■ 00DFCB

■ 4FDFD2

■ 65DFD4

■ 7BDFD6

■ 92DFD8

■ A8DFDA

■ BEDFDC

■ D4DFDE

■ EBDFE0

Harmonies

Analogous

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



76DCA1



22DFCE



00DDF9

Triad

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



22DFCE



D6B9FF



FFB878

Complementary

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



22DFCE



DF2233

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.



FFAA97



22DFCE



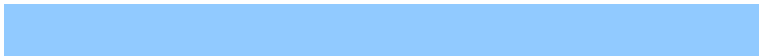
FFABEE

Square

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



22DFCE



91CAFF



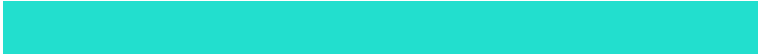
FFA4C2



DDC86E

Rectangle

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



22DFCE



00D9FF



FFA4C2



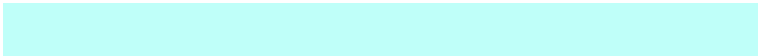
FFB381

Sweetspot

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



22DFCE



BFFFF9



35DF22



59807C



000000



808080

Same Dimension

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



22DFCE



00FFE8



2293DF



65706F



00B0A0



00302C

Inverse Universe

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



DF2233



FF0017



DF6E22



706566



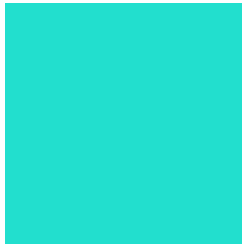
B00010



300004

Previews

White Background



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

Color Contrast Check

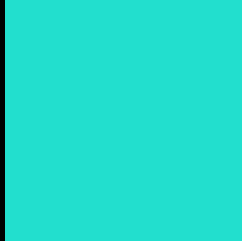
Large Text (above 18pt) WCAG AA × Fail

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 22DFCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

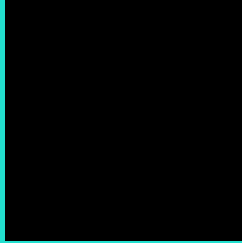
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

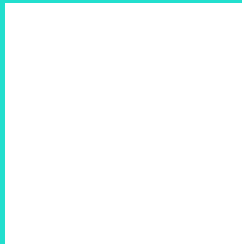
Any Text WCAG AAA ✓ Pass

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

Hex 22DFCE Background



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



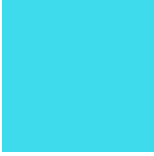
This preview shows how white text looks on a background with the Hex color 22DFCE.

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



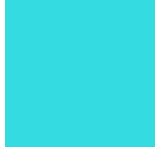
Original Color
22DFCE



Protanomaly
8ECEC4

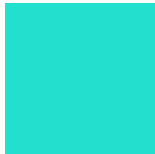


Deuteranomaly
92CBD2



Tritanomaly
34DCE1

Monochromacy



Original Color
22DFCE



Achromatopsia
A5A5A5



Achromatomaly
75BAB4

CSS Examples

Text

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

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

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 #22DFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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