

Converting Colors

Hex(22DDD4)

Have a look what the booklet for
Hex(22DDD4) contains.

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Color

Hex(22DDD4)

Conversions

Conversions Part 1

Format	Color
Hex	22DDD4
RGB	34, 221, 212
RGB Percent	13%, 87%, 83%
CMY	0.8667, 0.1333, 0.1686
CMYK	0.85, 0.00, 0.04, 0.13
HSL	177°, 73%, 50%
HSV	177°, 85%, 87%
XYZ	38.3998, 56.8065, 71.2282
YIQ	164.0610, -108.5630, -42.4430

Conversions

Conversions Part 2

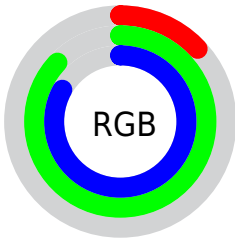
Format	Color
RYB	34, 130, 221
Decimal	2285012
CIELab	80.07, -44.47, -7.98
CIElCh	80, 45.178, 190.172
Yxy	56.8065, 0.2307, 0.3413
Android (android.graphics.Color)	4280475092 (0xFF22DDD4)
YUV	164.0610, 23.6339, -114.0635
Hunter-Lab	75.3701, -40.9548, -3.2728

Details

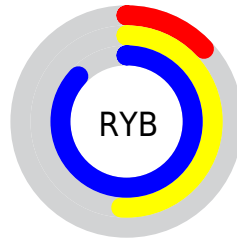
The Hex color **22DDD4** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DD222B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **76FFFF**, and **00A59E** is the 20% darker color. If you saturate the color by 10%, you get **0CDDD3**, and if you desaturate by 10%, it is **38DDD5**.

Distribution



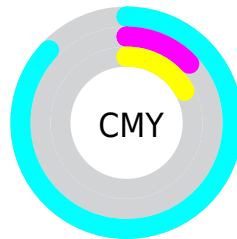
- Red (13%)
- Green (87%)
- Blue (83%)



- Red (13%)
- Yellow (51%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22DDD4 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 22DDD4 by changing the saturation by 10% instead.

 22DDD4

 22DDD4

FFFFFF

 00C1B8

 76FFFF

 00A59E

 97FFFF

 008A83

 B7FFFF

 00706A

 D7FFFF

 005752

 F6FFFF

 003E3B

 002926

 000112

 000000

■ 22DDD4

■ 22DDD4

■ 0CDDD3

■ 38DDD5

■ 00DDD2

■ 4EDDD6

■ 64DDD7

■ 7ADDD8

■ 91DDD9

■ A7DDDA

■ BDDDDB

■ D3DDDD

■ E9DDDE

Harmonies

Analogous

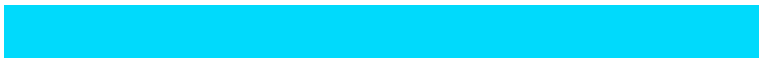
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70DBA9



22DDD4



00DAFC

Triad

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



22DDD4



DEB6FF



F9BA78

Complementary

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



22DDD4



DD222B

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.



FFAC92



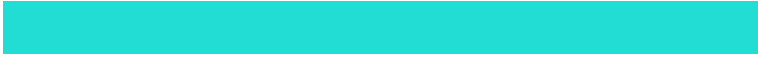
22DDD4



FFA9E4

Square

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



22DDD4



A0C6FF



FFA5BA



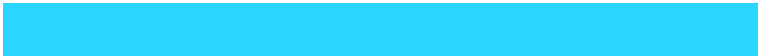
D4C972

Rectangle

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



22DDD4



2AD6FF



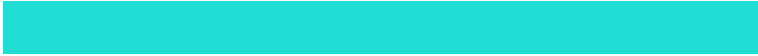
FFA5BA



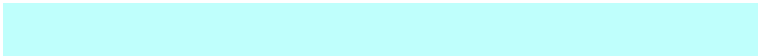
FFB57E

Sweetspot

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



22DDD4



BFFFFC



2BDD22



59807E



000000



808080

Same Dimension

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



22DDD4



00FFF3



2289DD



636E6D



00ADA5



002E2C

Inverse Universe

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



DD222B



FF000C



DD7622



6E6363



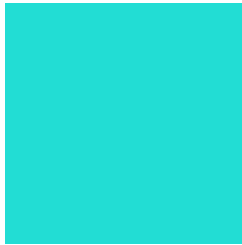
AD0008



2E0002

Previews

White Background



This preview shows how the Hex color 22DDD4 looks on a white background.

Color Contrast Check

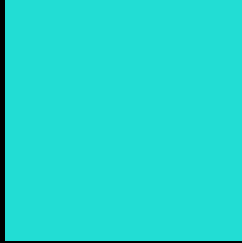
Large Text (above 18pt) WCAG AA × Fail

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 22DDD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

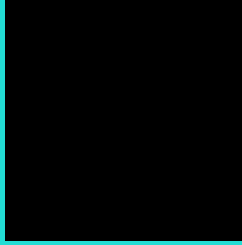
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

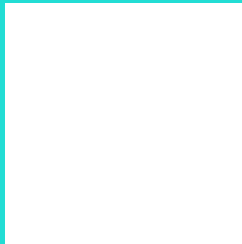
Any Text WCAG AAA ✓ Pass

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

Hex 22DDD4 Background



This preview shows how black text looks on a background with the Hex color 22DDD4.

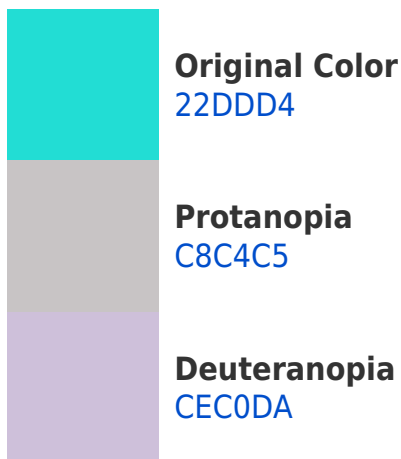


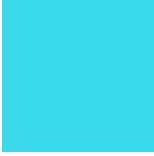
This preview shows how white text looks on a background with the Hex color 22DDD4.

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
39DAEB

Trichromacy



Original Color

22DDD4



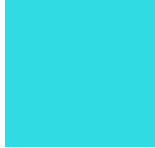
Protanomaly

8CCDCA



Deuteranomaly

8FCBD8



Tritanomaly

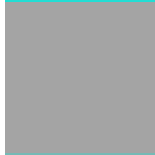
31DBE3

Monochromacy



Original Color

22DDD4



Achromatopsia

A4A4A4



Achromatomaly

75B9B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 22DDD4 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 #22DDD4 looks like.

```
.text, #text, p{  
    color:#22DDD4  
}
```

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 #22DDD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22DDD4
}
```

Border

The CSS property to change the border of an element to Hex 22DDD4 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
#22DDD4 }
```

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

```
.border{ border-color:#22DDD4 }
```

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

Here you see how a box with a 4 pixel #22DDD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22DDD4; -webkit-box-shadow:4px 4px  
4px 4px #22DDD4; box-shadow:4px 4px 4px  
4px #22DDD4 }
```

Background

The CSS property to change the background color of an element to Hex 22DDD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22DDD4 }
```

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

```
.background{ background-color:#22DDD4 }
```

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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