

Converting Colors

Hex(22CEC8)

Have a look what the booklet for
Hex(22CEC8) contains.

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Color

Hex(22CEC8)

Conversions

Conversions Part 1

Format	Color
Hex	22CEC8
RGB	34, 206, 200
RGB Percent	13%, 81%, 78%
CMY	0.8667, 0.1922, 0.2157
CMYK	0.83, 0.00, 0.03, 0.19
HSL	178°, 72%, 47%
HSV	178°, 83%, 81%
XYZ	33.1563, 48.6528, 62.2870
YIQ	153.8880, -100.5860, -38.3300

Conversions

Conversions Part 2

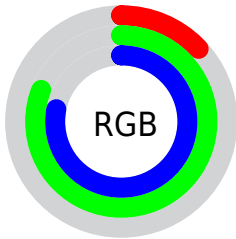
Format	Color
R _{YB}	34, 122, 206
Decimal	2281160
CIE Lab	75.23, -41.28, -8.72
CIE LCh	75, 42.190, 191.934
Yxy	48.6528, 0.2301, 0.3376
Android (android.graphics.Color)	4280471240 (0xFF22CEC8)
YUV	153.8880, 22.7332, -105.1418
Hunter-Lab	69.7516, -37.2155, -4.1189

Details

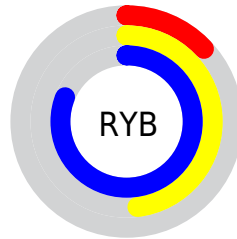
The Hex color **22CEC8** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CE2228**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **73FFFF**, and **009792** is the 20% darker color. If you saturate the color by 10%, you get **0DCEC7**, and if you desaturate by 10%, it is **37CEC9**.

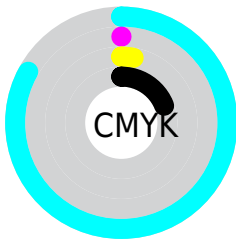
Distribution



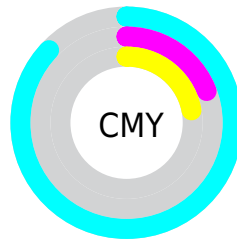
- Red (13%)
- Green (81%)
- Blue (78%)



- Red (13%)
- Yellow (48%)
- Blue (81%)



- Cyan (83%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (87%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22CEC8 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 22CEC8 by changing the saturation by 10% instead.

 22CEC8

 22CEC8

FFFFFF

 00B2AD

 73FFFF

 009792

 93FFFF

 007C78

 B2FFFF

 006360


 D1FFFF

 004A48

 F0FFFF

 003232

 001C1D

 000001

 000000

■ 22CEC8

■ 22CEC8

■ 0DCEC7

■ 37CEC9

■ 00CEC7

■ 4BCEC9

■ 60CECA

■ 74CECB

■ 89CECC

■ 9ECECC

■ B2CECD

■ C7CECE

■ DBCECE

Harmonies

Analogous

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



66CCA0



22CEC8



00CBEC

Triad

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



22CEC8



D1A9F3



E7AF70

Complementary

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



22CEC8



CE2228

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.



FEA287



22CEC8



F69ED2

Square

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



22CEC8



9AB8FF



FF9BAB



C3BC6C

Rectangle

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



22CEC8



35C7FD



FF9BAB



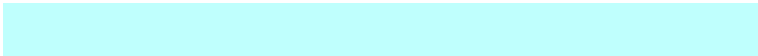
F0AA76

Sweetspot

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



22CEC8



BFFFFD



2BCE22



59807E



000000



808080

Same Dimension

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



22CEC8



00FFF6



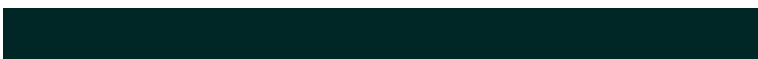
2281CE



5C6666



00A6A0



002625

Inverse Universe

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



CE2228



FF0009



CE6F22



665C5C



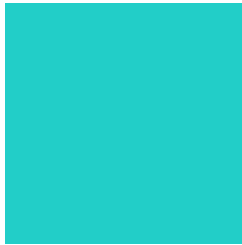
A60006



260001

Previews

White Background



This preview shows how the Hex color 22CEC8 looks on a white background.

Color Contrast Check

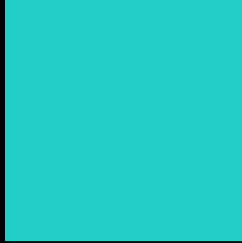
Large Text (above 18pt) WCAG AA × Fail

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 22CEC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

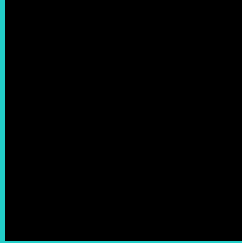
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

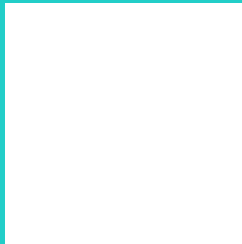
Any Text WCAG AAA ✓ Pass

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

Hex 22CEC8 Background



This preview shows how black text looks on a background with the Hex color 22CEC8.



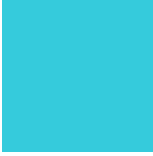
This preview shows how white text looks on a background with the Hex color 22CEC8.

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](#).

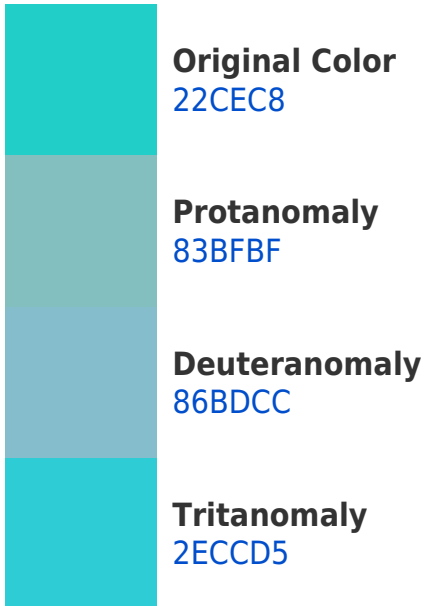
Dichromacy





Tritanopia
35CBDC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22CEC8 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 #22CEC8 looks like.

```
.text, #text, p{  
    color:#22CEC8  
}
```

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 #22CEC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22CEC8
}
```

Border

The CSS property to change the border of an element to Hex 22CEC8 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
#22CEC8 }
```

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

```
.border{ border-color:#22CEC8 }
```

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

Here you see how a box with a 4 pixel #22CEC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22CEC8; -webkit-box-shadow:4px 4px  
4px 4px #22CEC8; box-shadow:4px 4px 4px  
4px #22CEC8 }
```

Background

The CSS property to change the background color of an element to Hex 22CEC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22CEC8 }
```

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

```
.background{ background-color:#22CEC8 }
```

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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