

Converting Colors

Hex(22C4CC)

Have a look what the booklet for
Hex(22C4CC) contains.

Hex(22C4CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(22C4CC)

Conversions

Conversions Part 1

Format	Color
Hex	22C4CC
RGB	34, 196, 204
RGB Percent	13%, 77%, 80%
CMY	0.8667, 0.2314, 0.2000
CMYK	0.83, 0.04, 0.00, 0.20
HSL	183°, 71%, 47%
HSV	183°, 83%, 80%
XYZ	31.2987, 44.1796, 64.0046
YIQ	148.4740, -99.1200, -31.8560

Conversions

Conversions Part 2

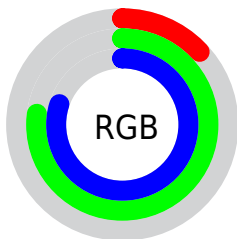
Format	Color
RYB	34, 117, 204
Decimal	2278604
CIELab	72.35, -35.54, -15.21
CIELCh	72, 38.656, 203.176
Yxy	44.1796, 0.2244, 0.3167
Android (android.graphics.Color)	4280468684 (0xFF22C4CC)
YUV	148.4740, 27.3743, -100.3937
Hunter-Lab	66.4677, -32.2654, -10.5655

Details

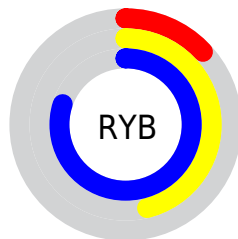
The Hex color **22C4CC** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CC2A22**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **72FDFF**, and **008E96** is the 20% darker color. If you saturate the color by 10%, you get **0EC3CC**, and if you desaturate by 10%, it is **36C5CC**.

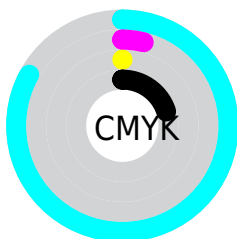
Distribution



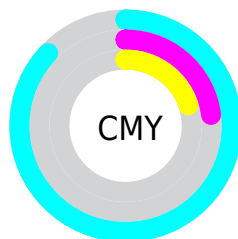
- Red (13%)
- Green (77%)
- Blue (80%)



- Red (13%)
- Yellow (46%)
- Blue (80%)



- Cyan (83%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (87%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22C4CC 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 22C4CC by changing the saturation by 10% instead.

 22C4CC

 22C4CC

FFFFFF

 00A8B1

 72FDFF

 008E96

 92FFFF

 00747C

 B1FFFF

 005A63

 D0FFFF

 00424B

 EFFFFFF

 002C35

 001120

 000005

 000000

■ 22C4CC

■ 22C4CC

■ 0EC3CC

■ 36C5CC

■ 00C2CC

■ 4BC6CC

■ 5FC7CC

■ 74C8CC

■ 88C9CC

■ 9CCACC

■ B1CBCC

■ C5CCCC

■ DACDCC

Harmonies

Analogous

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



55C4A8



22C4CC



31C0E9

Triad

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



22C4CC



D69FDC



D0AD6B

Complementary

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



22C4CC



CC2A22

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.



EAA07A



22C4CC



F097BB

Square

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



22C4CC



AAABF2



F69797



ADB86F

Rectangle

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



22C4CC



5BBBF4



F69797



DAA86E

Sweetspot

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



22C4CC



BFFCFF



22CC28



597E80



000000



808080

Same Dimension

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



22C4CC



00F3FF



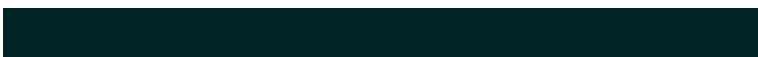
2271CC



5C6666



009EA6



002426

Inverse Universe

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



CC22C4



FF00F3



CC7D22



665C66



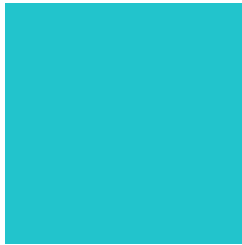
A6009E



260024

Previews

White Background



This preview shows how the Hex color 22C4CC 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 22C4CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

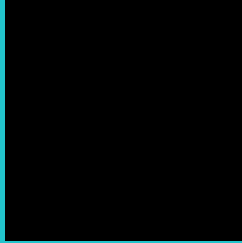
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

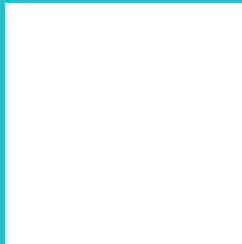
Any Text WCAG AAA ✓ Pass

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

Hex 22C4CC Background



This preview shows how black text looks on a background with the Hex color 22C4CC.

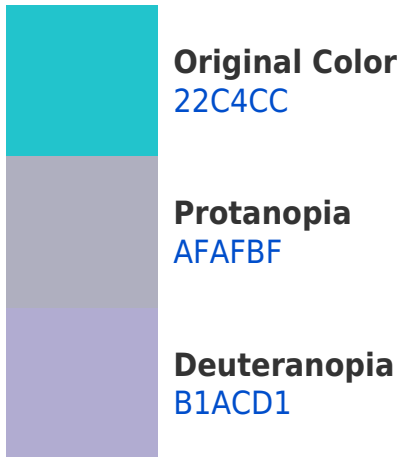


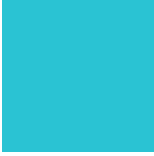
This preview shows how white text looks on a background with the Hex color 22C4CC.

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
2AC3D3

Trichromacy



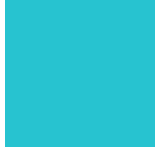
Original Color
22C4CC



Protanomaly
7CB7C4



Deuteranomaly
7DB5CF



Tritanomaly
27C3D0

Monochromacy



Original Color
22C4CC



Achromatopsia
949494



Achromatomaly
6BA5A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 22C4CC 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 #22C4CC looks like.

```
.text, #text, p{  
    color:#22C4CC  
}
```

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 #22C4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22C4CC  
}
```

Border

The CSS property to change the border of an element to Hex 22C4CC 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  
#22C4CC }
```

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

```
.border{ border-color:#22C4CC }
```

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

Here you see how a box with a 4 pixel #22C4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22C4CC; -webkit-box-shadow:4px 4px  
4px 4px #22C4CC; box-shadow:4px 4px 4px  
4px #22C4CC }
```

Background

The CSS property to change the background color of an element to Hex 22C4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22C4CC }
```

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

```
.background{ background-color:#22C4CC }
```

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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