

# Converting Colors

Hex(22CCB4)

Have a look what the booklet for  
Hex(22CCB4) contains.

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# Color

Hex(22CCB4)

# Conversions

## Conversions Part 1

Format	Color
Hex	22CCB4
RGB	34, 204, 180
RGB Percent	13%, 80%, 71%
CMY	0.8667, 0.2000, 0.2941
CMYK	0.83, 0.00, 0.12, 0.20
HSL	172°, 71%, 47%
HSV	172°, 83%, 80%
XYZ	30.4908, 46.8211, 50.6104
YIQ	150.4340, -93.6160, -43.5040

# Conversions

## Conversions Part 2

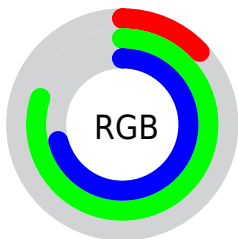
Format	Color
<a href="#">RYB</a>	<a href="#">34, 125, 204</a>
Decimal	<a href="#">2280628</a>
CIELab	<a href="#">74.08, -45.98, 0.38</a>
CIELCh	<a href="#">74, 45.978, 179.531</a>
Yxy	<a href="#">46.8211, 0.2384, 0.3660</a>
Android (android.graphics.Color)	<a href="#">4280470708</a> ( <a href="#">0xFF22CCB4</a> )
YUV	<a href="#">150.4340, 14.5760, -102.1126</a>
Hunter-Lab	<a href="#">68.4259, -40.2054, 4.0451</a>

# Details

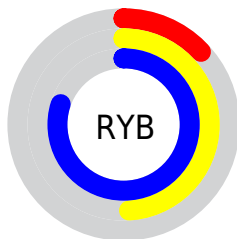
The Hex color **22CCB4** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **CC223A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **71FFEC**, and **00957F** is the 20% darker color. If you saturate the color by 10%, you get **0ECCB1**, and if you desaturate by 10%, it is **36CCB7**.

# Distribution



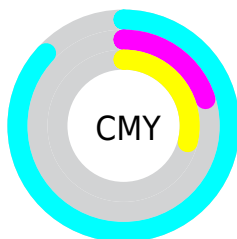
- Red (13%)
- Green (80%)
- Blue (71%)



- Red (13%)
- Yellow (49%)
- Blue (80%)



- Cyan (83%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (87%)
- Magenta (20%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22CCB4 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 22CCB4 by changing the saturation by 10% instead.



 22CCB4

 22CCB4

FFFFFF

 00B099

 71FFEC

 00957F

 90FFFF

 007A66

 AFFFFFF

 00614E

 CEFFFF

 004838

 EDFFFF

 003022

 00170D

 000000

 22CCB4

 22CCB4

 0ECCB1

 36CCB7

 00CCAF

 4BCCBA

 5FCCBD

 74CCC0

 88CCC2

 9CCCC5

 B1CCC8

 C5CCCB

 DACCCE

# Harmonies

## Analogous

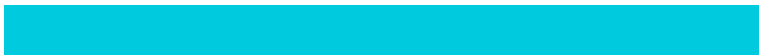
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72C88A



22CCB4



00CBDE

# Triad

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



22CCB4



B9ABFF



F3A46E

# Complementary

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



22CCB4



CC223A

# 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.



FF988F



22CCB4



EA9CE2

# Square

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



22CCB4



71BBFF



FF94B8



D1B360

# Rectangle

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



22CCB4



00C8F5



FF94B8



FBA077

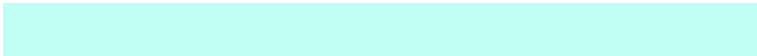


# Sweetspot

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



22CCB4



BFFFF6



3BCC22



59807A



000000



808080



# Same Dimension

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



22CCB4



00FFDB



2291CC



5C6665



00A68E



002621



# Inverse Universe

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



CC223A



FF0024



CC5E22



665C5D



A60017

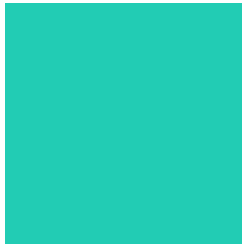


260005



# Previews

## White Background



This preview shows how the Hex color 22CCB4 looks on a white background.

## Color Contrast Check

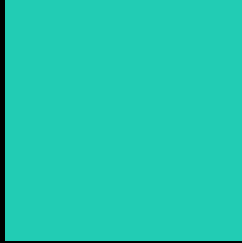
Large Text (above 18pt) WCAG AA × Fail

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 22CCB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

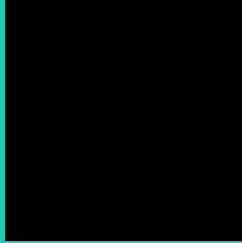
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

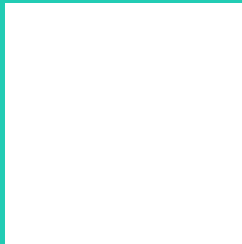
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 22CCB4 Background



This preview shows how black text looks on a background with the Hex color 22CCB4.



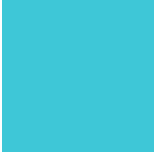
This preview shows how white text looks on a background with the Hex color 22CCB4.

# 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**  
3EC7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22CCB4 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 #22CCB4 looks like.

```
.text, #text, p{  
    color:#22CCB4  
}
```

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 #22CCB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22CCB4
}
```

## Border

The CSS property to change the border of an element to Hex 22CCB4 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
#22CCB4 }
```

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

```
.border{ border-color:#22CCB4 }
```

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

Here you see how a box with a 4 pixel #22CCB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22CCB4; -webkit-box-shadow:4px 4px  
4px 4px #22CCB4; box-shadow:4px 4px 4px  
4px #22CCB4 }
```

# Background

The CSS property to change the background color of an element to Hex 22CCB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22CCB4 }
```

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

```
.background{ background-color:#22CCB4 }
```

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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