

# Converting Colors

Hex(23C2C1)

Have a look what the booklet for  
Hex(23C2C1) contains.

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# Color

Hex(23C2C1)

# Conversions

## Conversions Part 1

Format	Color
Hex	23C2C1
RGB	35, 194, 193
RGB Percent	14%, 76%, 76%
CMY	0.8627, 0.2392, 0.2431
CMYK	0.82, 0.00, 0.01, 0.24
HSL	180°, 69%, 45%
HSV	180°, 82%, 76%
XYZ	29.6106, 42.7912, 57.1510
YIQ	146.3450, -94.4430, -34.0190

# Conversions

## Conversions Part 2

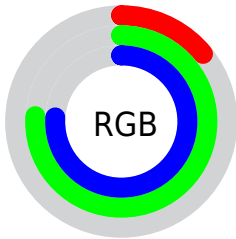
Format	Color
<a href="#">RYB</a>	<a href="#">35, 115, 194</a>
Decimal	<a href="#">2343617</a>
CIELab	<a href="#">71.41, -37.83, -10.62</a>
CIELCh	<a href="#">71, 39.289, 195.681</a>
Yxy	<a href="#">42.7912, 0.2286, 0.3303</a>
Android (android.graphics.Color)	<a href="#">4280533697 (0xFF23C2C1)</a>
YUV	<a href="#">146.3450, 23.0009, -97.6496</a>
Hunter-Lab	<a href="#">65.4149, -33.6768, -6.0093</a>

# Details

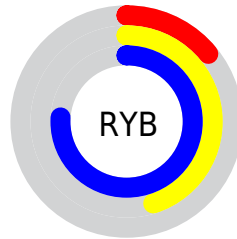
The Hex color **23C2C1** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **C22324**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **71FBF9**, and **008C8C** is the 20% darker color. If you saturate the color by 10%, you get **10C2C1**, and if you desaturate by 10%, it is **36C2C1**.

# Distribution



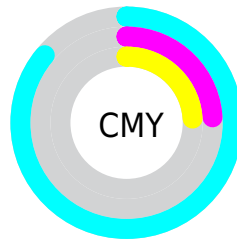
- Red (14%)
- Green (76%)
- Blue (76%)



- Red (14%)
- Yellow (45%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (86%)
- Magenta (24%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23C2C1 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 23C2C1 by changing the saturation by 10% instead.



 23C2C1

 23C2C1

FFFFFF

 00A6A6

 71FBF9

 008C8C

 90FFFF

 007272

 AFFFFFF

 00585A

 CEFFFF

 004042

 EDFFFF

 002A2C

 000B18

 000000

 23C2C1

 23C2C1

■ 10C2C1

■ 36C2C1

■ 00C2C1

■ 4AC2C1

■ 5DC2C1

■ 71C2C1

■ 84C2C2

■ 97C2C2

■ ABC2C2

■ BEC2C2

■ D2C2C2

# Harmonies

## Analogous

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



5DC19C



23C2C1



0FBFE1

# Triad

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



23C2C1



CB9FE1



D5A76A

# Complementary

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



23C2C1



C22324

# 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.



ED9B7D



23C2C1



EA95C2

# Square

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



23C2C1



99ACF4



F5939D



B4B369

# Rectangle

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



23C2C1



44BAEF



F5939D



DFA36E

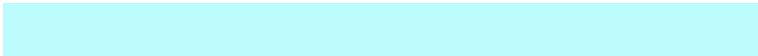


# Sweetspot

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



23C2C1



BDFCFC



26C223



59807F



000000



808080



# Same Dimension

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



23C2C1



05FCFB



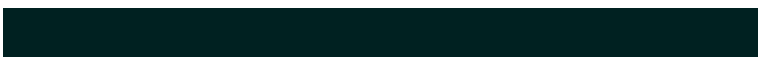
2375C2



576161



00A1A0



002121



# Inverse Universe

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



C22324



FC0507



C27023



615757



A10001

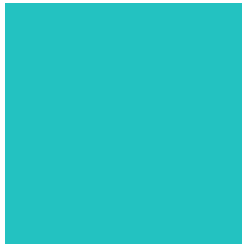


210000



# Previews

## White Background



This preview shows how the Hex color 23C2C1 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 23C2C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

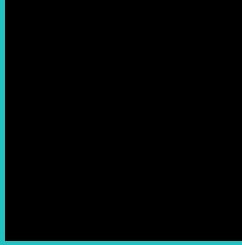
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

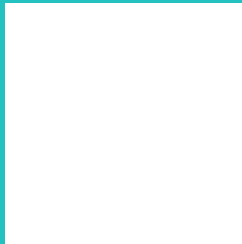
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 23C2C1 Background



This preview shows how black text looks on a background with the Hex color 23C2C1.

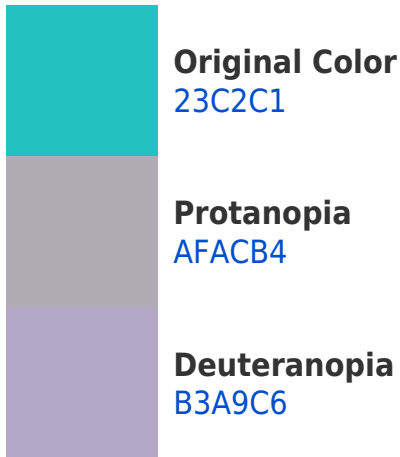


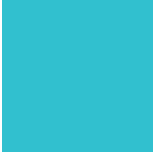
This preview shows how white text looks on a background with the Hex color 23C2C1.

# 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



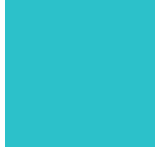
**Original Color**  
23C2C1



**Protanomaly**  
7CB4B9



**Deuteranomaly**  
7FB2C4



**Tritanomaly**  
2CC1CA

# Monochromacy



**Original Color**  
23C2C1



**Achromatopsia**  
929292



**Achromatomaly**  
6AA3A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23C2C1 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 #23C2C1 looks like.

```
.text, #text, p{  
    color:#23C2C1  
}
```

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 #23C2C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23C2C1
}
```

## Border

The CSS property to change the border of an element to Hex 23C2C1 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
#23C2C1 }
```

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

```
.border{ border-color:#23C2C1 }
```

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

Here you see how a box with a 4 pixel #23C2C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23C2C1; -webkit-box-shadow:4px 4px  
4px 4px #23C2C1; box-shadow:4px 4px 4px  
4px #23C2C1 }
```

# Background

The CSS property to change the background color of an element to Hex 23C2C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23C2C1 }
```

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

```
.background{ background-color:#23C2C1 }
```

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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