

Converting Colors

Hex(23CBBE)

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

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Color

Hex(23CBBE)

Conversions

Conversions Part 1

Format	Color
Hex	23CBBE
RGB	35, 203, 190
RGB Percent	14%, 80%, 75%
CMY	0.8627, 0.2039, 0.2549
CMYK	0.83, 0.00, 0.06, 0.20
HSL	175°, 71%, 47%
HSV	175°, 83%, 80%
XYZ	31.3433, 46.7869, 56.0940
YIQ	151.2860, -95.9550, -39.6590

Conversions

Conversions Part 2

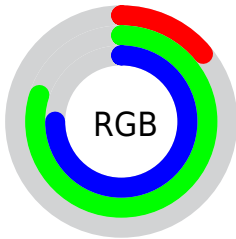
Format	Color
RYB	35, 122, 203
Decimal	2345918
CIELab	74.05, -42.72, -5.07
CIELCh	74, 43.020, 186.763
Yxy	46.7869, 0.2335, 0.3486
Android (android.graphics.Color)	4280535998 (0xFF23CBBE)
YUV	151.2860, 19.0860, -101.9828
Hunter-Lab	68.4010, -37.9077, -0.7417

Details

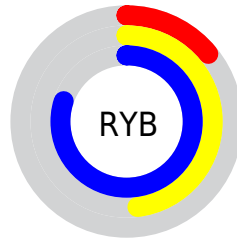
The Hex color **23CBBE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **CB2330**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **72FFF6**, and **009489** is the 20% darker color. If you saturate the color by 10%, you get **0FCBBC**, and if you desaturate by 10%, it is **37CBC0**.

Distribution



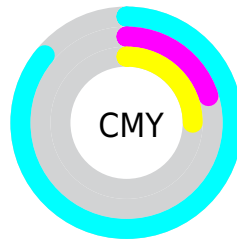
- Red (14%)
- Green (80%)
- Blue (75%)



- Red (14%)
- Yellow (48%)
- Blue (80%)



- Cyan (83%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (86%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 23CBBE

 23CBBE

FFFFFF

 00AFA3

 72FFF6

 009489

 92FFFF

 007A6F

 B1FFFF

 006057

 CFFFFFF

 004740

 EFFFFFF

 00302A

 001716

 000000

 23CBBE

 23CBBE

0FCBBC

37CBC0

00CBBB

4CCBC1

60CBC3

74CBC4

89CBC6

9DCBC7

B1CBC9

C5CBCB

DACBCC

Harmonies

Analogous

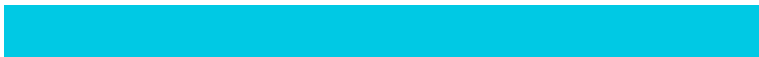
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6AC896



23CBBE



00C9E4

Triad

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



23CBBE



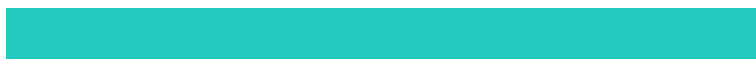
C6A8F5



E9A96E

Complementary

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



23CBBE



CB2330

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.



FE9C89



23CBBE



EF9CD6

Square

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



23CBBE



8AB7FF



FF97AE



C7B766

Rectangle

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



23CBBE



01C5F7



FF97AE



F2A475

Sweetspot

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



23CBBE



BFFFFA



31CB23



59807D



000000



808080

Same Dimension

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



23CBBE



03FFEB



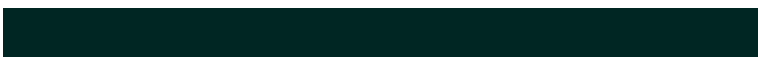
2385CB



5C6665



00A699



002623

Inverse Universe

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



CB2330



FF0316



CB6923



665C5D



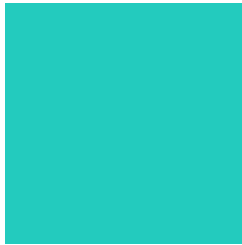
A6000D



260003

Previews

White Background



This preview shows how the Hex color 23CBBE looks on a white background.

Color Contrast Check

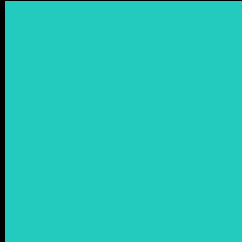
Large Text (above 18pt) WCAG AA × Fail

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 23CBBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

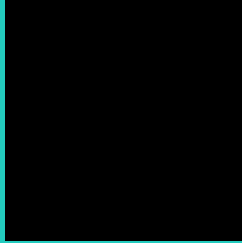
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

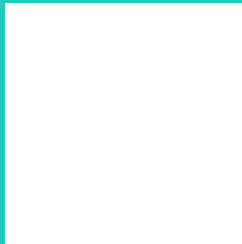
Any Text WCAG AAA ✓ Pass

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

Hex 23CBBE Background



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



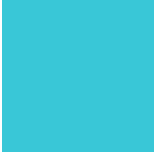
This preview shows how white text looks on a background with the Hex color 23CBBE.

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
39C7D7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #23CBBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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