

Converting Colors

Hex(23B089)

Have a look what the booklet for
Hex(23B089) contains.

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Color

Hex(23B089)

Conversions

Conversions Part 1

Format	Color
Hex	23B089
RGB	35, 176, 137
RGB Percent	14%, 69%, 54%
CMY	0.8627, 0.3098, 0.4627
CMYK	0.80, 0.00, 0.22, 0.31
HSL	163°, 67%, 41%
HSV	163°, 80%, 69%
XYZ	20.7338, 33.2141, 28.9851
YIQ	129.3950, -71.5170, -42.0210

Conversions

Conversions Part 2

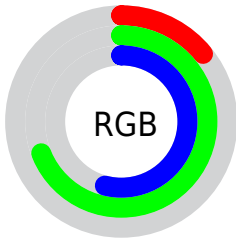
Format	Color
RYB	35, 117, 176
Decimal	2338953
CIELab	64.33, -45.28, 9.85
CIElCh	64, 46.337, 167.728
Yxy	33.2141, 0.2500, 0.4005
Android (android.graphics.Color)	4280529033 (0xFF23B089)
YUV	129.3950, 3.7493, -82.7844
Hunter-Lab	57.6317, -36.6376, 10.5231

Details

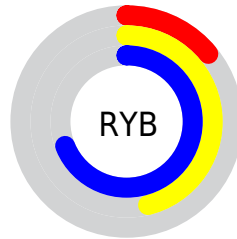
The Hex color **23B089** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B0234A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **69E8BE**, and **007A57** is the 20% darker color. If you saturate the color by 10%, you get **11B084**, and if you desaturate by 10%, it is **35B08E**.

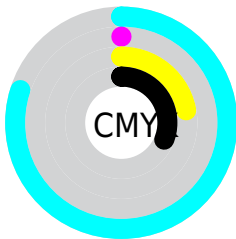
Distribution



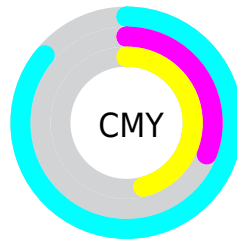
- Red (14%)
- Green (69%)
- Blue (54%)



- Red (14%)
- Yellow (46%)
- Blue (69%)



- Cyan (80%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)



- Cyan (86%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23B089 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 23B089 by changing the saturation by 10% instead.

 23B089

 23B089

FFFFFF

 009570

 69E8BE

 007A57

 87FFDA

 006140

 A5FFF7

 00482A

 C2FFFF

 003015


 E0FFFF

 001800

 000000

 23B089

 23B089

 11B084

 35B08E

00B07F

46B093

58B098

69B09C

7BB0A1

8DB0A6

9EB0AB

B0B0B0

C1B0B5

Harmonies

Analogous

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



6DAB62



23B089



00B1B4

Triad

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



23B089



8498EB



DF8560

Complementary

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



23B089



B0234A

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.



EA7A85



23B089



BE88D4

Square

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



23B089



13A5EC



E07BAF



C3944A

Rectangle

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



23B089



00AFCD



E07BAF



E5806B

Sweetspot

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



23B089



AEE6D6



4BB023



51736A



F2F2F2



737373

Same Dimension

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



23B089



09E6A9



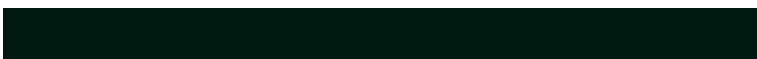
2391B0



505957



00996F



001A12

Inverse Universe

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



B0234A



E60946



B04223



595053



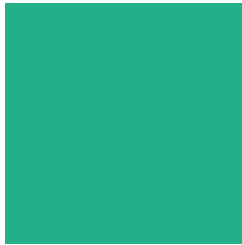
99002A



1A0007

Previews

White Background



This preview shows how the Hex color 23B089 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 23B089 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 23B089 Background



This preview shows how black text looks on a background with the Hex color 23B089.

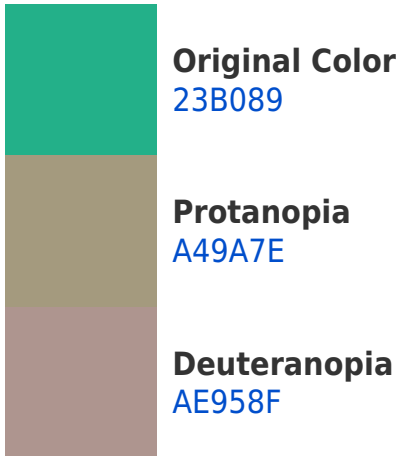


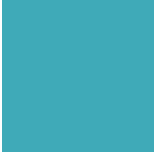
This preview shows how white text looks on a background with the Hex color 23B089.

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](#).

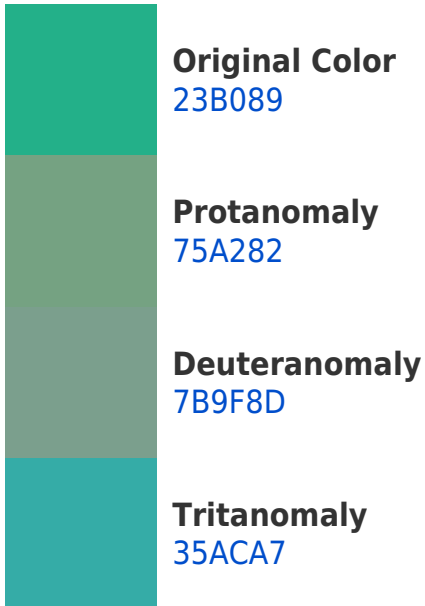
Dichromacy





Tritanopia
3FAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23B089 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 #23B089 looks like.

```
.text, #text, p{  
    color:#23B089  
}
```

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 #23B089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23B089
}
```

Border

The CSS property to change the border of an element to Hex 23B089 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
#23B089 }
```

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

```
.border{ border-color:#23B089 }
```

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

Here you see how a box with a 4 pixel #23B089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23B089; -webkit-box-shadow:4px 4px  
4px 4px #23B089; box-shadow:4px 4px 4px  
4px #23B089 }
```

Background

The CSS property to change the background color of an element to Hex 23B089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23B089 }
```

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

```
.background{ background-color:#23B089 }
```

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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