

Converting Colors

Hex(23B0A2)

Have a look what the booklet for
Hex(23B0A2) contains.

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Color

Hex(23B0A2)

Conversions

Conversions Part 1

Format	Color
Hex	23B0A2
RGB	35, 176, 162
RGB Percent	14%, 69%, 64%
CMY	0.8627, 0.3098, 0.3647
CMYK	0.80, 0.00, 0.08, 0.31
HSL	174°, 67%, 41%
HSV	174°, 80%, 69%
XYZ	22.7401, 34.0166, 39.5498
YIQ	132.2450, -79.5420, -34.2460

Conversions

Conversions Part 2

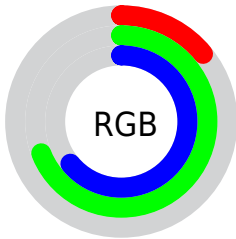
Format	Color
RYB	35, 109, 176
Decimal	2338978
CIELab	64.98, -38.63, -3.09
CIElCh	65, 38.757, 184.568
Yxy	34.0166, 0.2361, 0.3532
Android (android.graphics.Color)	4280529058 (0xFF23B0A2)
YUV	132.2450, 14.6692, -85.2839
Hunter-Lab	58.3238, -32.4706, 0.6217

Details

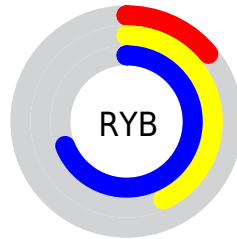
The Hex color **23B0A2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B02331**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6BE8D9**, and **007B6F** is the 20% darker color. If you saturate the color by 10%, you get **11B0A0**, and if you desaturate by 10%, it is **35B0A4**.

Distribution



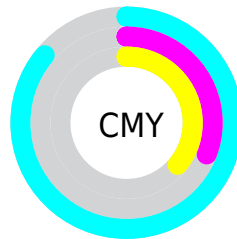
- Red (14%)
- Green (69%)
- Blue (64%)



- Red (14%)
- Yellow (43%)
- Blue (69%)



- Cyan (80%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)



- Cyan (86%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23B0A2 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 23B0A2 by changing the saturation by 10% instead.

 23B0A2

 23B0A2

FFFFFF

 009588

 6BE8D9

 007B6F

 89FFF5

 006156

 A7FFFF

 00483F

 C5FFFF

 003129


 E3FFFF

 001B15

 000000

 23B0A2

 23B0A2

 11B0A0

 35B0A4

00B09F

46B0A5

58B0A7

69B0A9

7BB0AB

8DB0AC

9EB0AE

B0B0B0

C1B0B2

Harmonies

Analogous

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



5FAD7F



23B0A2



00AFC4

Triad

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



23B0A2



A893D7



CC9160

Complementary

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



23B0A2



B02331

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.



DE8678



23B0A2



CD87BC

Square

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



23B0A2



729FE2



DF829A



AF9D57

Rectangle

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



23B0A2



00ABD5



DF829A



D48D66

Sweetspot

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



23B0A2



AEE6E0



31B023



51736F



F2F2F2



737373

Same Dimension

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



23B0A2



09E6D0



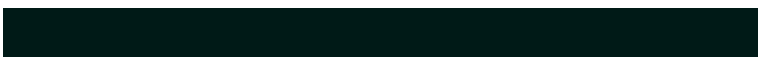
2378B0



505958



00998A



001A17

Inverse Universe

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



B02331



E6091F



B05B23



595051



99000F



1A0003

Previews

White Background



This preview shows how the Hex color 23B0A2 looks on a white background.

Color Contrast Check

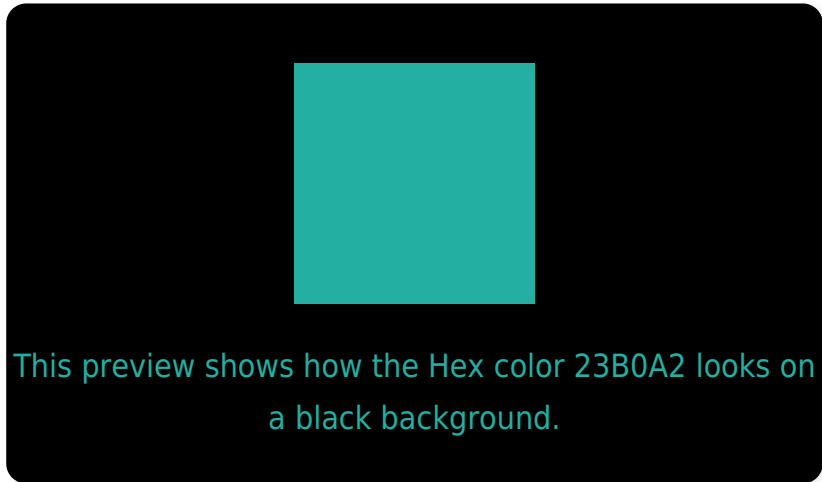
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

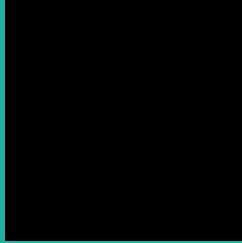
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

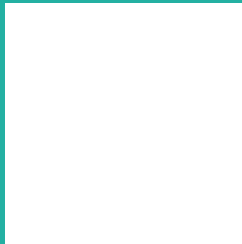
Any Text WCAG AAA ✓ Pass

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

Hex 23B0A2 Background



This preview shows how black text looks on a background with the Hex color 23B0A2.

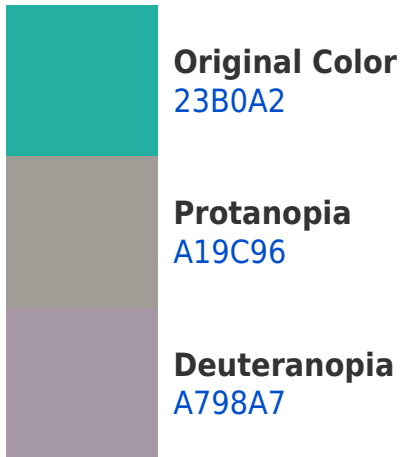


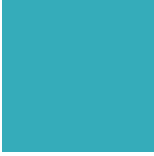
This preview shows how white text looks on a background with the Hex color 23B0A2.

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



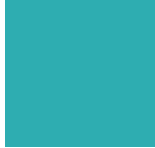
Original Color
23B0A2



Protanomaly
73A39A



Deuteranomaly
77A1A5



Tritanomaly
2EADB1

Monochromacy



Original Color
23B0A2



Achromatopsia
848484



Achromatomaly
61948F

CSS Examples

Text

The CSS property to change the color of the text to Hex 23B0A2 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 #23B0A2 looks like.

```
.text, #text, p{  
    color:#23B0A2  
}
```

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 #23B0A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23B0A2
}
```

Border

The CSS property to change the border of an element to Hex 23B0A2 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
#23B0A2 }
```

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

```
.border{ border-color:#23B0A2 }
```

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

Here you see how a box with a 4 pixel #23B0A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23B0A2; -webkit-box-shadow:4px 4px  
4px 4px #23B0A2; box-shadow:4px 4px 4px  
4px #23B0A2 }
```

Background

The CSS property to change the background color of an element to Hex 23B0A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23B0A2 }
```

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

```
.background{ background-color:#23B0A2 }
```

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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