

Converting Colors

Hex(23B974)

Have a look what the booklet for
Hex(23B974) contains.

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Color

Hex(23B974)

Conversions

Conversions Part 1

Format	Color
Hex	23B974
RGB	35, 185, 116
RGB Percent	14%, 73%, 45%
CMY	0.8627, 0.2745, 0.5451
CMYK	0.81, 0.00, 0.37, 0.27
HSL	152°, 68%, 43%
HSV	152°, 81%, 73%
XYZ	21.1945, 36.3162, 22.4157
YIQ	132.2840, -67.2510, -53.2590

Conversions

Conversions Part 2

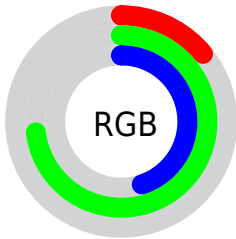
Format	Color
RYB	35, 132, 185
Decimal	2341236
CIELab	66.76, -53.53, 24.60
CIElCh	67, 58.907, 155.319
Yxy	36.3162, 0.2652, 0.4544
Android (android.graphics.Color)	4280531316 (0xFF23B974)
YUV	132.2840, -8.0280, -85.3181
Hunter-Lab	60.2629, -42.6816, 20.1303

Details

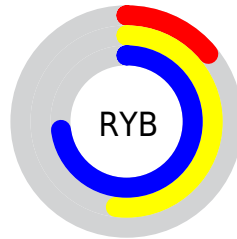
The Hex color **23B974** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B92368**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6AF2A9**, and **008343** is the 20% darker color. If you saturate the color by 10%, you get **10B96B**, and if you desaturate by 10%, it is **36B97D**.

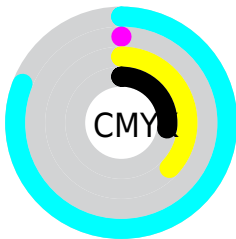
Distribution



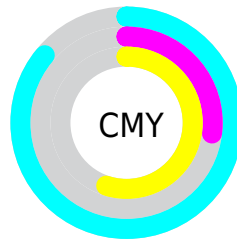
- Red (14%)
- Green (73%)
- Blue (45%)



- Red (14%)
- Yellow (52%)
- Blue (73%)



- Cyan (81%)
- Magenta (0%)
- Yellow (37%)
- Black (27%)



- Cyan (86%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23B974 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 23B974 by changing the saturation by 10% instead.

 23B974

 23B974

FFFFFF

 009D5B

 6AF2A9

 008343

 89FFC4

 00682C

 A7FFE0

 004F16

 C5FFFD

 003700

 E3FFFF

 001F00

 000000

 23B974

 23B974

 10B96B

 36B97D

00B964

48B985

5AB98E

6DB996

80B99F

92B9A7

A5B9B0

B7B9B8

CAB9C1

Harmonies

Analogous

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



7FB146



23B974



00BCAB

Triad

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



23B974



44A5FF



FE7B68

Complementary

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



23B974



B92368

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.



FF729B



23B974



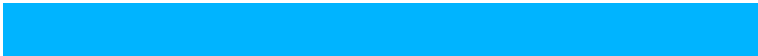
B190F9

Square

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



23B974



00B4FF



EA7BD0



E28F40

Rectangle

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



23B974



00BCCE



EA7BD0



FF7678

Sweetspot

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



23B974



B6F0D5



69B923



557868



F7F7F7



787878

Same Dimension

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



23B974



07F085



23B4B9



535C58



009C54



001C0F

Inverse Universe

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



B92368



F00772



B92823



5C5357



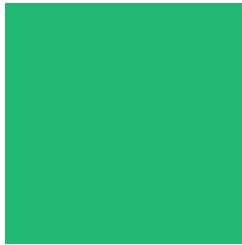
9C0048



1C000D

Previews

White Background



This preview shows how the Hex color 23B974 looks on a white background.

Color Contrast Check

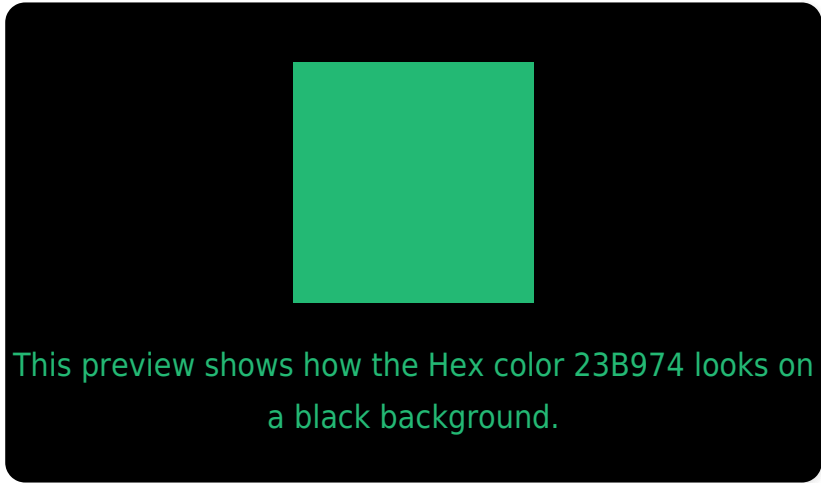
Large Text (above 18pt) WCAG AA × Fail

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

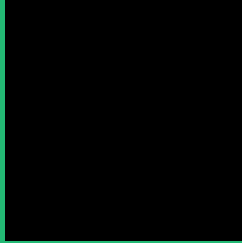
Any Text WCAG AA ✓ Pass

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 23B974 Background



This preview shows how black text looks on a background with the Hex color 23B974.

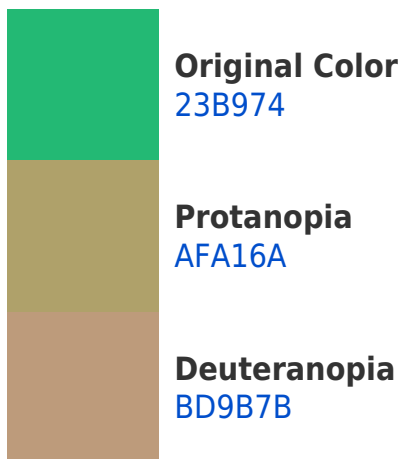


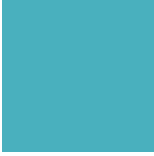
This preview shows how white text looks on a background with the Hex color 23B974.

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
49B0BE

Trichromacy



Original Color
23B974



Protanomaly
7CAA6E



Deuteranomaly
85A678



Tritanomaly
3BB3A3

Monochromacy



Original Color
23B974



Achromatopsia
848484



Achromatomaly
61977E

CSS Examples

Text

The CSS property to change the color of the text to Hex 23B974 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 #23B974 looks like.

```
.text, #text, p{  
    color:#23B974  
}
```

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 #23B974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23B974
}
```

Border

The CSS property to change the border of an element to Hex 23B974 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
#23B974 }
```

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

```
.border{ border-color:#23B974 }
```

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

Here you see how a box with a 4 pixel #23B974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23B974; -webkit-box-shadow:4px 4px  
4px 4px #23B974; box-shadow:4px 4px 4px  
4px #23B974 }
```

Background

The CSS property to change the background color of an element to Hex 23B974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23B974 }
```

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

```
.background{ background-color:#23B974 }
```

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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