

Converting Colors

Hex(23C584)

Have a look what the booklet for
Hex(23C584) contains.

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Color

Hex(23C584)

Conversions

Conversions Part 1

Format	Color
Hex	23C584
RGB	35, 197, 132
RGB Percent	14%, 77%, 52%
CMY	0.8627, 0.2275, 0.4824
CMYK	0.82, 0.00, 0.33, 0.23
HSL	156°, 70%, 45%
HSV	156°, 82%, 77%
XYZ	24.8242, 41.9558, 28.6197
YIQ	141.1520, -75.6870, -54.5590

Conversions

Conversions Part 2

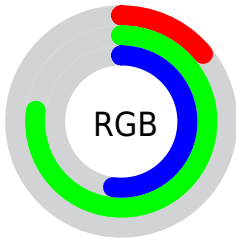
Format	Color
RYB	35, 136, 197
Decimal	2344324
CIELab	70.84, -54.71, 21.61
CIELCh	71, 58.819, 158.444
Yxy	41.9558, 0.2602, 0.4398
Android (android.graphics.Color)	4280534404 (0xFF23C584)
YUV	141.1520, -4.5119, -93.0953
Hunter-Lab	64.7733, -44.9434, 19.1443

Details

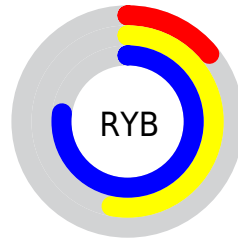
The Hex color **23C584** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **C52364**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6DFFB9**, and **008E52** is the 20% darker color. If you saturate the color by 10%, you get **0FC57C**, and if you desaturate by 10%, it is **37C58C**.

Distribution



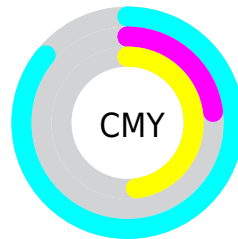
- Red (14%)
- Green (77%)
- Blue (52%)



- Red (14%)
- Yellow (53%)
- Blue (77%)



- Cyan (82%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)



- Cyan (86%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23C584 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 23C584 by changing the saturation by 10% instead.

 23C584

 23C584

FFFFFF

 00A96B

 6DFFB9

 008E52

 8CFFD5

 00733B

 ABFFF2


 005A24

 C9FFFF

 00410E

 E8FFFF

 002A00

 000600

 000000

 23C584

 23C584

0FC57C

37C58C

00C576

4AC594

5EC59C

72C5A4

86C5AC

99C5B3

ADC5BB

C1C5C3

D4C5CB

Harmonies

Analogous

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



83BD55



23C584



00C8BB

Triad

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



23C584



65AEFF



FF886D

Complementary

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



23C584



C52364

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.



FF7EA0



23C584



C499FF

Square

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



23C584



00BEFF



FA85D6



EA9C48

Rectangle

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



23C584



00C7DF



FA85D6



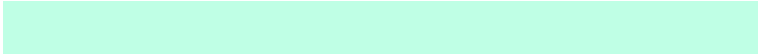
FF837D

Sweetspot

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



23C584



BFFFE5



67C523



598070



000000



808080

Same Dimension

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



23C584



03FF9A



23B8C5



5A635F



00A362



002415

Inverse Universe

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



C52364



FF0368



C53123



635A5D



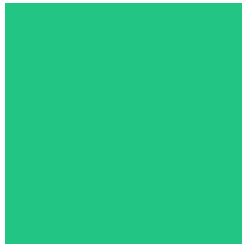
A30041



24000E

Previews

White Background



This preview shows how the Hex color 23C584 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 23C584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

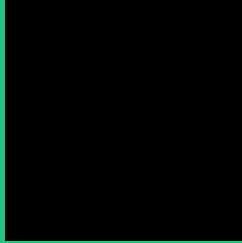
Any Text WCAG AA ✓ Pass

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 23C584 Background



This preview shows how black text looks on a background with the Hex color 23C584.

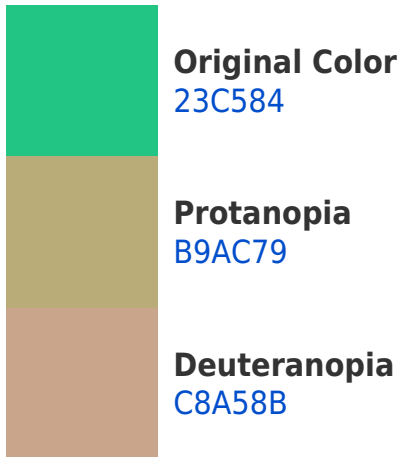


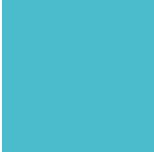
This preview shows how white text looks on a background with the Hex color 23C584.

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
4BBCCB

Trichromacy



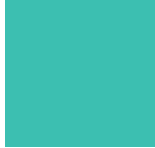
Original Color
23C584



Protanomaly
82B57D



Deuteranomaly
8CB188



Tritanomaly
3CBFB1

Monochromacy



Original Color
23C584



Achromatopsia
8D8D8D



Achromatomaly
66A18A

CSS Examples

Text

The CSS property to change the color of the text to Hex 23C584 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 #23C584 looks like.

```
.text, #text, p{  
    color:#23C584  
}
```

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 #23C584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23C584
}
```

Border

The CSS property to change the border of an element to Hex 23C584 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
#23C584 }
```

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

```
.border{ border-color:#23C584 }
```

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

Here you see how a box with a 4 pixel #23C584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23C584; -webkit-box-shadow:4px 4px  
4px 4px #23C584; box-shadow:4px 4px 4px  
4px #23C584 }
```

Background

The CSS property to change the background color of an element to Hex 23C584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23C584 }
```

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

```
.background{ background-color:#23C584 }
```

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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