

Converting Colors

Hex(3AC583)

Have a look what the booklet for
Hex(3AC583) contains.

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Color

Hex(3AC583)

Conversions

Conversions Part 1

Format	Color
Hex	3AC583
RGB	58, 197, 131
RGB Percent	23%, 77%, 51%
CMY	0.7725, 0.2275, 0.4863
CMYK	0.71, 0.00, 0.34, 0.23
HSL	152°, 55%, 50%
HSV	152°, 71%, 77%
XYZ	25.8079, 42.4707, 28.3102
YIQ	147.9150, -61.6580, -49.9940

Conversions

Conversions Part 2

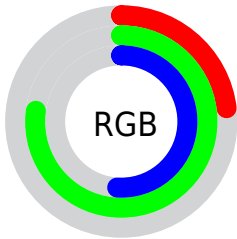
Format	Color
RYB	58, 149, 197
Decimal	3851651
CIELab	71.19, -52.06, 22.68
CIELCh	71, 56.791, 156.457
Yxy	42.4707, 0.2672, 0.4397
Android (android.graphics.Color)	4282041731 (0xFF3AC583)
YUV	147.9150, -8.3391, -78.8555
Hunter-Lab	65.1696, -43.3587, 19.8627

Details

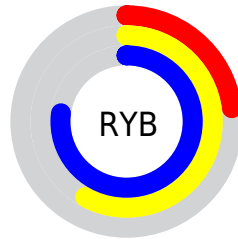
The Hex color **3AC583** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C53A7C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7AFFB8**, and **008E51** is the 20% darker color. If you saturate the color by 10%, you get **26C57A**, and if you desaturate by 10%, it is **4EC58C**.

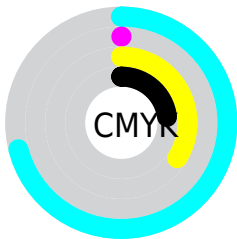
Distribution



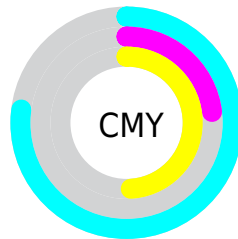
- Red (23%)
- Green (77%)
- Blue (51%)



- Red (23%)
- Yellow (58%)
- Blue (77%)



- Cyan (71%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)



- Cyan (77%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC583 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 3AC583 by changing the saturation by 10% instead.

 3AC583


 3AC583

FFFFFF

 02A96A

 7AFFB8

 008E51

 98FFD4

 00743A

 B6FFF1

 005A23

 D4FFFF

 00410D

 F2FFFF

 002B00

 000800

 000000

 3AC583

 3AC583

 26C57A

 4EC58C

 13C570

 61C596

 00C567

 75C59F

 89C5A8

 9DC5B2

 B0C5BB

 C4C5C4

 D8C5CE

 EBC5D7

Harmonies

Analogous

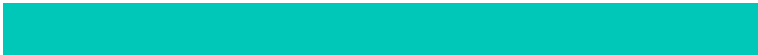
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8ABD57



3AC583



00C8B8

Triad

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



3AC583



62B0FF



FF8A74

Complementary

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



3AC583



C53A7C

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.



FF81A5



3AC583



C09CFF

Square

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



3AC583



00BFFF



F789D9



EC9D4E

Rectangle

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



3AC583



00C8DB



F789D9



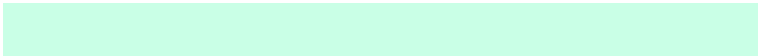
FF8583

Sweetspot

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



3AC583



C9FFE6



7DC53A



608070



000000



808080

Same Dimension

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



3AC583



26FF98



3AC3C5



5A635F



00A356



002413

Inverse Universe

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



C53A7C



FF268D



C53C3A



635A5E



A3004D



240011

Previews

White Background



This preview shows how the Hex color 3AC583 looks on a white background.

Color Contrast Check

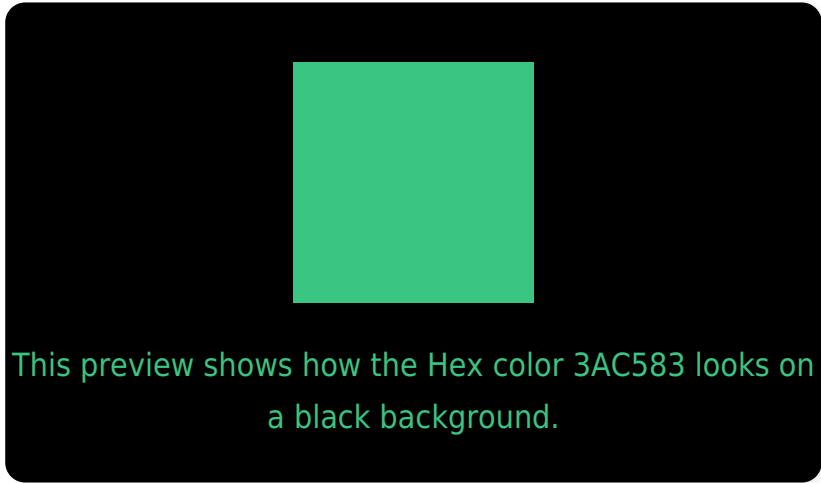
Large Text (above 18pt) WCAG AA × Fail

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

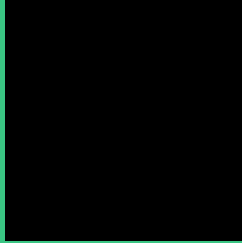
Any Text WCAG AA ✓ Pass

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 3AC583 Background



This preview shows how black text looks on a background with the Hex color 3AC583.

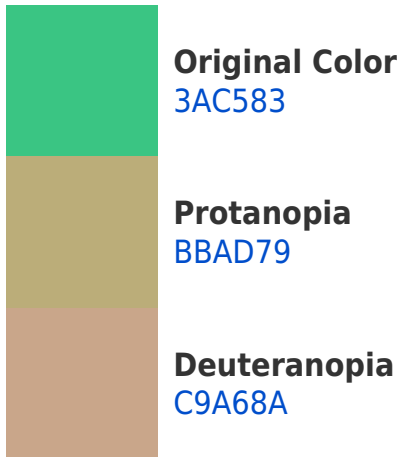


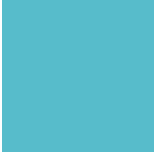
This preview shows how white text looks on a background with the Hex color 3AC583.

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
57BCCB

Trichromacy



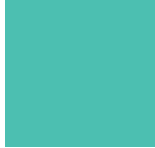
Original Color
3AC583



Protanomaly
8CB67D



Deuteranomaly
95B187



Tritanomaly
4CBFB1

Monochromacy



Original Color
3AC583



Achromatopsia
949494



Achromatomaly
73A68E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC583 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 #3AC583 looks like.

```
.text, #text, p{  
    color:#3AC583  
}
```

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 #3AC583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC583
}
```

Border

The CSS property to change the border of an element to Hex 3AC583 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
#3AC583 }
```

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

```
.border{ border-color:#3AC583 }
```

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

Here you see how a box with a 4 pixel #3AC583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC583; -webkit-box-shadow:4px 4px  
4px 4px #3AC583; box-shadow:4px 4px 4px  
4px #3AC583 }
```

Background

The CSS property to change the background color of an element to Hex 3AC583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC583 }
```

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

```
.background{ background-color:#3AC583 }
```

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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