

Converting Colors

Hex(35C68C)

Have a look what the booklet for
Hex(35C68C) contains.

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Color

Hex(35C68C)

Conversions

Conversions Part 1

Format	Color
Hex	35C68C
RGB	53, 198, 140
RGB Percent	21%, 78%, 55%
CMY	0.7922, 0.2235, 0.4510
CMYK	0.73, 0.00, 0.29, 0.22
HSL	156°, 58%, 49%
HSV	156°, 73%, 78%
XYZ	26.3959, 43.0385, 31.7270
YIQ	148.0330, -67.8020, -48.7780

Conversions

Conversions Part 2

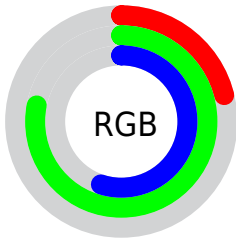
Format	Color
RYB	53, 144, 198
Decimal	3524236
CIELab	71.58, -51.29, 18.41
CIElCh	72, 54.494, 160.256
Yxy	43.0385, 0.2609, 0.4254
Android (android.graphics.Color)	4281714316 (0xFF35C68C)
YUV	148.0330, -3.9603, -83.3439
Hunter-Lab	65.6037, -42.9864, 17.2490

Details

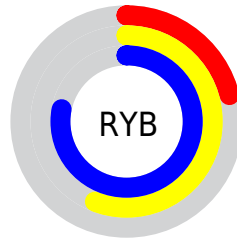
The Hex color **35C68C** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C6356F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **77FFC2**, and **008F5A** is the 20% darker color. If you saturate the color by 10%, you get **21C684**, and if you desaturate by 10%, it is **49C694**.

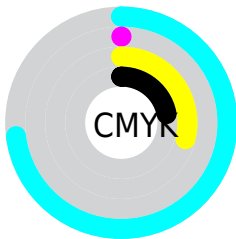
Distribution



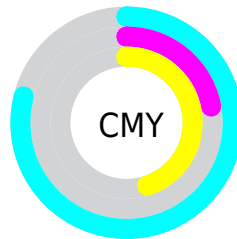
- Red (21%)
- Green (78%)
- Blue (55%)



- Red (21%)
- Yellow (56%)
- Blue (78%)



- Cyan (73%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)



- Cyan (79%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35C68C 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 35C68C by changing the saturation by 10% instead.



35C68C



35C68C

FFFFFF



00AA72



77FFC2



008F5A



96FFDE



007442



B4FFFA



005B2B



D2FFFF



004216



F0FFFF



002C00



000B00



000000



35C68C



35C68C

■ 21C684

■ 49C694

■ 0DC67C

■ 5DC69C

■ 00C677

■ 70C6A4

■ 84C6AC

■ 98C6B4

■ ACC6BC

■ C0C6C3

■ D3C6CB

■ E7C6D3

Harmonies

Analogous

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



86BF60



35C68C



00C8BF

Triad

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



35C68C



78AFFF



FF8F72

Complementary

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



35C68C



C6356F

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.



FF85A0



35C68C



C99BFC

Square

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



35C68C



00BEFF



F98AD2



E7A150

Rectangle

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



35C68C



00C7E0



F98AD2



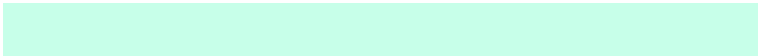
FF8A80

Sweetspot

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



35C68C



C7FFE9



6FC635



5E8072



000000



808080

Same Dimension

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



35C68C



1FFFA5



35B7C6



5A635F



00A362



002415

Inverse Universe

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



C6356F



FF1F78



C64435



635A5D



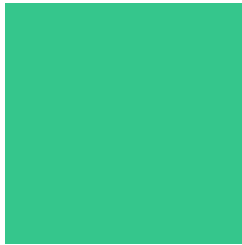
A30041



24000E

Previews

White Background



This preview shows how the Hex color 35C68C 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 35C68C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

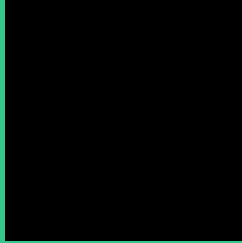
Any Text WCAG AA ✓ Pass

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 35C68C Background



This preview shows how black text looks on a background with the Hex color 35C68C.

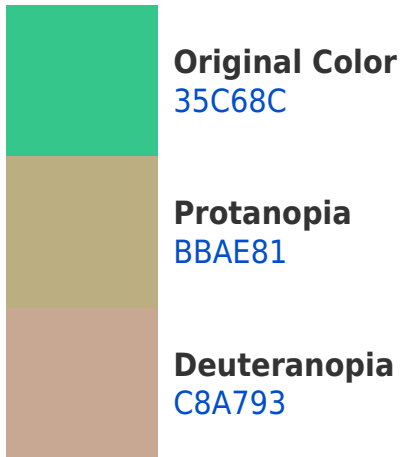


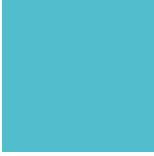
This preview shows how white text looks on a background with the Hex color 35C68C.

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](#).

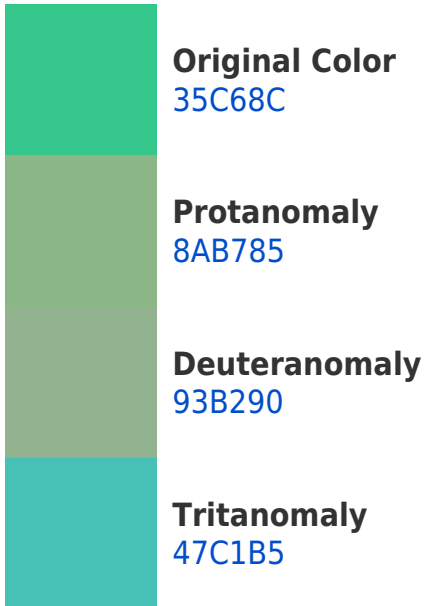
Dichromacy



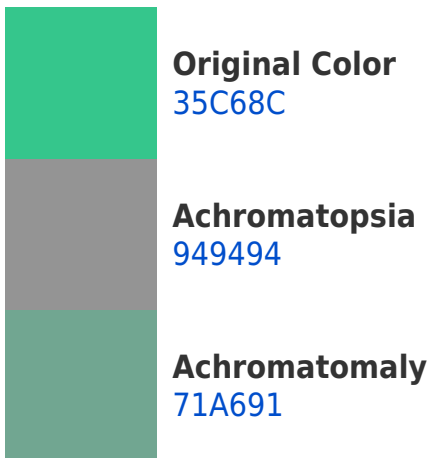


Tritanopia
52BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35C68C 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 #35C68C looks like.

```
.text, #text, p{  
  color:#35C68C  
}
```

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 #35C68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35C68C
}
```

Border

The CSS property to change the border of an element to Hex 35C68C 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
#35C68C }
```

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

```
.border{ border-color:#35C68C }
```

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

Here you see how a box with a 4 pixel #35C68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35C68C; -webkit-box-shadow:4px 4px  
4px 4px #35C68C; box-shadow:4px 4px 4px  
4px #35C68C }
```

Background

The CSS property to change the background color of an element to Hex 35C68C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35C68C }
```

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

```
.background{ background-color:#35C68C }
```

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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