

Converting Colors

Hex(35D4AC)

Have a look what the booklet for
Hex(35D4AC) contains.

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Color

Hex(35D4AC)

Conversions

Conversions Part 1

Format	Color
Hex	35D4AC
RGB	53, 212, 172
RGB Percent	21%, 83%, 67%
CMY	0.7922, 0.1686, 0.3255
CMYK	0.75, 0.00, 0.19, 0.17
HSL	165°, 65%, 52%
HSV	165°, 75%, 83%
XYZ	32.4581, 50.8224, 47.1287
YIQ	159.8990, -81.9240, -46.1480

Conversions

Conversions Part 2

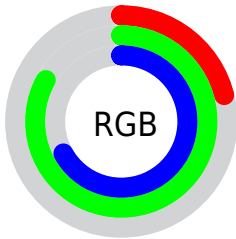
Format	Color
RYB	53, 144, 212
Decimal	3527852
CIELab	76.57, -49.53, 8.32
CIELCh	77, 50.220, 170.467
Yxy	50.8224, 0.2489, 0.3897
Android (android.graphics.Color)	4281717932 (0xFF35D4AC)
YUV	159.8990, 5.9658, -93.7504
Hunter-Lab	71.2898, -43.4866, 10.7071

Details

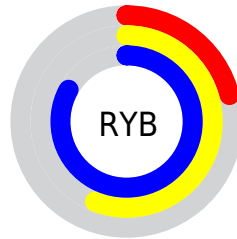
The Hex color **35D4AC** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D4355D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7BFFE3**, and **009C78** is the 20% darker color. If you saturate the color by 10%, you get **20D4A7**, and if you desaturate by 10%, it is **4AD4B1**.

Distribution



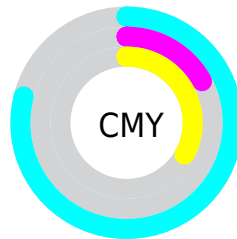
- Red (21%)
- Green (83%)
- Blue (67%)



- Red (21%)
- Yellow (56%)
- Blue (83%)



- Cyan (75%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)



- Cyan (79%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35D4AC 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 35D4AC by changing the saturation by 10% instead.

 35D4AC

 35D4AC

FFFFFF

 00B891

 7BFFE3

 009C78

 9AFFFF

 00815F

 B9FFFF

 006747

 D7FFFF

 004E31

 F6FFFF

 00361C

 001F02

 000000

 35D4AC

 35D4AC

■ 20D4A7

■ 4AD4B1

■ 0BD4A1

■ 5FD4B7

■ 00D49F

■ 75D4BC

■ 8AD4C1

■ 9FD4C7

■ B4D4CC

■ C9D4D1

■ DFD4D7

■ F4D4DC

Harmonies

Analogous

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



84CE80



35D4AC



00D5DC

Triad

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



35D4AC



AAB6FF



FFA477

Complementary

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



35D4AC



D4355D

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.



FF989F



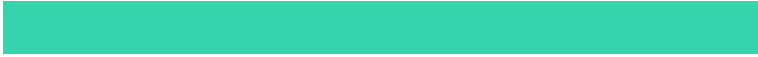
35D4AC



E8A5F9

Square

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



35D4AC



4AC6FF



FF98CE



E6B560

Rectangle

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



35D4AC



00D2F8



FF98CE



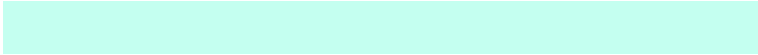
FFA083

Sweetspot

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



35D4AC



C4FFF0



5FD435



5C8077



000000



808080

Same Dimension

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



35D4AC



19FFC5



35AFD4



606B68



00AB80



002B20

Inverse Universe

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



D4355D



FF1953



D45A35



6B6063



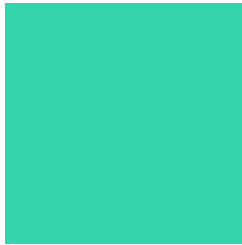
AB002B



2B000B

Previews

White Background



This preview shows how the Hex color 35D4AC 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 35D4AC 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

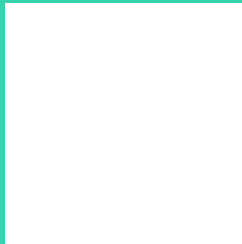
Any Text WCAG AAA ✓ Pass

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

Hex 35D4AC Background



This preview shows how black text looks on a background with the Hex color 35D4AC.

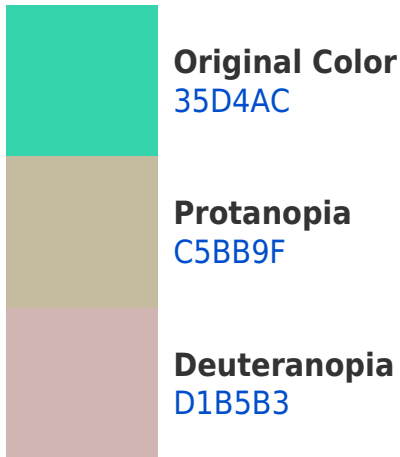


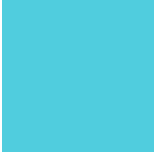
This preview shows how white text looks on a background with the Hex color 35D4AC.

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
50CDDE

Trichromacy



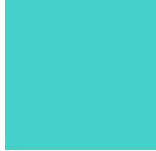
Original Color
35D4AC



Protanomaly
91C4A4

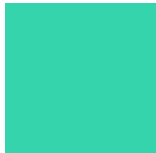


Deuteranomaly
98C0B0

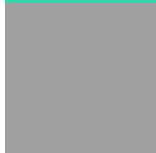


Tritanomaly
46D0CC

Monochromacy



Original Color
35D4AC



Achromatopsia
A0A0A0



Achromatomaly
79B3A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 35D4AC 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 #35D4AC looks like.

```
.text, #text, p{  
    color:#35D4AC  
}
```

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 #35D4AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35D4AC
}
```

Border

The CSS property to change the border of an element to Hex 35D4AC 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
#35D4AC }
```

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

```
.border{ border-color:#35D4AC }
```

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

Here you see how a box with a 4 pixel #35D4AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35D4AC; -webkit-box-shadow:4px 4px  
4px 4px #35D4AC; box-shadow:4px 4px 4px  
4px #35D4AC }
```

Background

The CSS property to change the background color of an element to Hex 35D4AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35D4AC }
```

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

```
.background{ background-color:#35D4AC }
```

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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