

Converting Colors

Hex(3DC1A1)

Have a look what the booklet for
Hex(3DC1A1) contains.

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Color

Hex(3DC1A1)

Conversions

Conversions Part 1

Format	Color
Hex	3DC1A1
RGB	61, 193, 161
RGB Percent	24%, 76%, 63%
CMY	0.7608, 0.2431, 0.3686
CMYK	0.68, 0.00, 0.17, 0.24
HSL	165°, 52%, 50%
HSV	165°, 68%, 76%
XYZ	27.4275, 41.7052, 40.3226
YIQ	149.8840, -68.4000, -37.9360

Conversions

Conversions Part 2

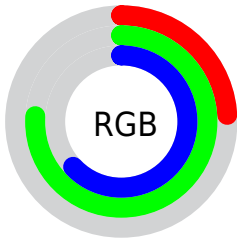
Format	Color
RYB	61, 136, 193
Decimal	4047265
CIELab	70.67, -43.16, 5.80
CIELCh	71, 43.545, 172.342
Yxy	41.7052, 0.2506, 0.3810
Android (android.graphics.Color)	4282237345 (0xFF3DC1A1)
YUV	149.8840, 5.4802, -77.9513
Hunter-Lab	64.5796, -37.2039, 8.1859

Details

The Hex color **3DC1A1** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C13D5D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7CFAD8**, and **008A6E** is the 20% darker color. If you saturate the color by 10%, you get **2AC19C**, and if you desaturate by 10%, it is **50C1A6**.

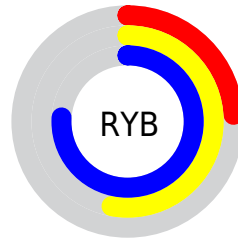
Distribution



Red (24%)

Green (76%)

Blue (63%)



Red (24%)

Yellow (53%)

Blue (76%)

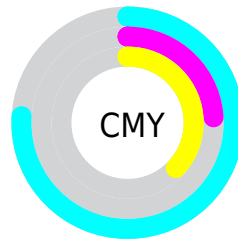


Cyan (68%)

Magenta (0%)

Yellow (17%)

Black (24%)



Cyan (76%)

Magenta (24%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DC1A1 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 3DC1A1 by changing the saturation by 10% instead.

 3DC1A1

 3DC1A1

FFFFFF

 0CA587

 7CFAD8

 008A6E

 9AFF4

 007055

 B8FFFF

 00573E

 D6FFFF

 003F28

 F4FFFF

 002914

 000500

 000000

 3DC1A1

 3DC1A1

■ 2AC19C

■ 50C1A6

■ 16C198

■ 64C1AA

■ 03C193

■ 77C1AF

■ 00C192

■ 8AC1B4

■ 9EC1B8

■ B1C1BD

■ C4C1C2

■ D7C1C6

■ EBC1CB

Harmonies

Analogous

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



7ABC7B



3DC1A1



00C1CA

Triad

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



3DC1A1



A1A6F6



EC9970

Complementary

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



3DC1A1



C13D5D

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.



F98F91



3DC1A1



D598DE

Square

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



3DC1A1



59B4FB



F28EB9



CFA75E

Rectangle

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



3DC1A1



00BFE1



F28EB9



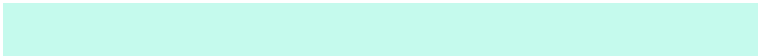
F29579

Sweetspot

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



3DC1A1



C5FAED



5EC13D



5E7D75



FCFCFC



7D7D7D

Same Dimension

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



3DC1A1



2DFAC8



3DA0C1



57615F



00A17A



002119

Inverse Universe

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



C13D5D



FA2D5F



C15E3D



61575A



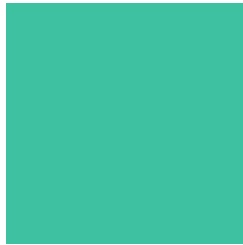
A10027



210008

Previews

White Background



This preview shows how the Hex color 3DC1A1 looks on a white background.

Color Contrast Check

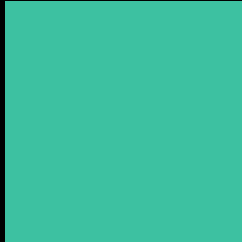
Large Text (above 18pt) WCAG AA × Fail

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 3DC1A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

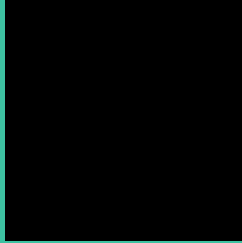
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

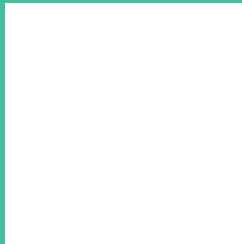
Any Text WCAG AAA ✓ Pass

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

Hex 3DC1A1 Background



This preview shows how black text looks on a background with the Hex color 3DC1A1.

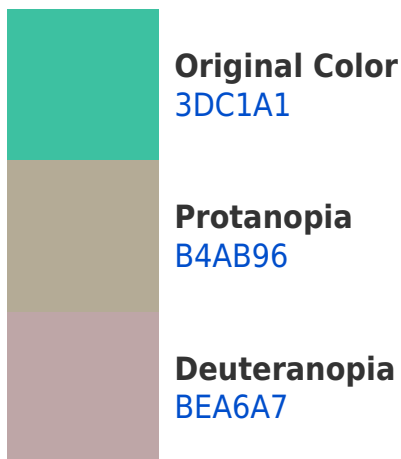


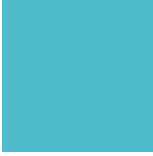
This preview shows how white text looks on a background with the Hex color 3DC1A1.

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
50BBCA

Trichromacy



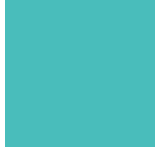
Original Color
3DC1A1



Protanomaly
89B39A



Deuteranomaly
8FB0A5



Tritanomaly
49BDBB

Monochromacy



Original Color
3DC1A1



Achromatopsia
969696



Achromatomaly
76A69A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DC1A1 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 #3DC1A1 looks like.

```
.text, #text, p{  
    color:#3DC1A1  
}
```

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 #3DC1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC1A1
}
```

Border

The CSS property to change the border of an element to Hex 3DC1A1 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
#3DC1A1 }
```

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

```
.border{ border-color:#3DC1A1 }
```

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

Here you see how a box with a 4 pixel #3DC1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC1A1; -webkit-box-shadow:4px 4px  
4px 4px #3DC1A1; box-shadow:4px 4px 4px  
4px #3DC1A1 }
```

Background

The CSS property to change the background color of an element to Hex 3DC1A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC1A1 }
```

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

```
.background{ background-color:#3DC1A1 }
```

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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