

Converting Colors

Hex(3DC196)

Have a look what the booklet for
Hex(3DC196) contains.

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Color

Hex(3DC196)

Conversions

Conversions Part 1

Format	Color
Hex	3DC196
RGB	61, 193, 150
RGB Percent	24%, 76%, 59%
CMY	0.7608, 0.2431, 0.4118
CMYK	0.68, 0.00, 0.22, 0.24
HSL	160°, 52%, 50%
HSV	160°, 68%, 76%
XYZ	26.4995, 41.3340, 35.4358
YIQ	148.6300, -64.8690, -41.3570

Conversions

Conversions Part 2

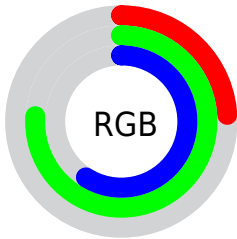
Format	Color
RYB	61, 140, 193
Decimal	4047254
CIELab	70.41, -45.81, 11.41
CIELCh	70, 47.214, 166.013
Yxy	41.3340, 0.2566, 0.4003
Android (android.graphics.Color)	4282237334 (0xFF3DC196)
YUV	148.6300, 0.6754, -76.8515
Hunter-Lab	64.2916, -38.9367, 12.3250

Details

The Hex color **3DC196** 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 **C13D68**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7CFACC**, and **008A63** is the 20% darker color. If you saturate the color by 10%, you get **2AC190**, and if you desaturate by 10%, it is **50C19C**.

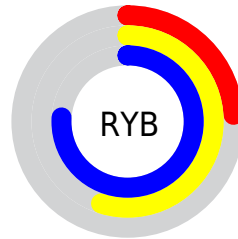
Distribution



Red (24%)

Green (76%)

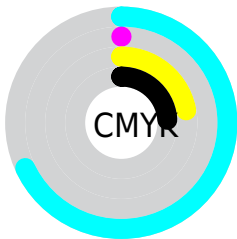
Blue (59%)



Red (24%)

Yellow (55%)

Blue (76%)

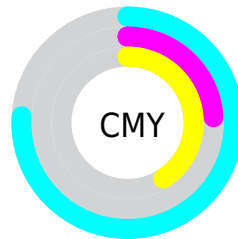


Cyan (68%)

Magenta (0%)

Yellow (22%)

Black (24%)



Cyan (76%)

Magenta (24%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DC196 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 3DC196 by changing the saturation by 10% instead.

 3DC196

 3DC196

FFFFFF

 0DA57C

 7CFACC

 008A63

 9AFFE8

 00704B

 B7FFFF

 005734

 D5FFFF

 003E1F

 F3FFFF

 002908

 000300

 000000

 3DC196

 3DC196

 2AC190

 50C19C

 16C189

 64C1A3

 03C183

 77C1A9

 00C182

 8AC1AF

 9EC1B5

 B1C1BC

 C4C1C2

 D7C1C8

 EBC1CF

Harmonies

Analogous

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



7FBB6F



3DC196



00C2C2

Triad

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



3DC196



90A9FF



F49370

Complementary

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



3DC196



C13D68

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.



FE8997



3DC196



CD98E8

Square

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



3DC196



2AB6FF



F28BC2



D8A358

Rectangle

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



3DC196



00C1DD



F28BC2



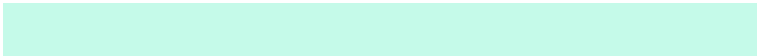
F98F7C

Sweetspot

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



3DC196



C5FAE9



69C13D



5E7D73



FCFCFC



7D7D7D

Same Dimension

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



3DC196



2DFAB7



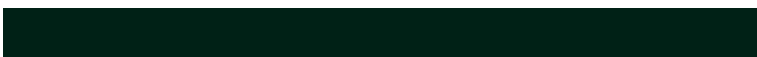
3DABC1



57615E



00A16C



002116

Inverse Universe

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



C13D68



FA2D70



C1533D



61575A



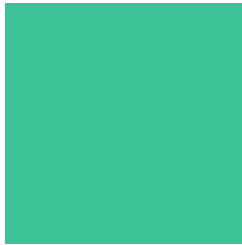
A10034



21000B

Previews

White Background



This preview shows how the Hex color 3DC196 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 3DC196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

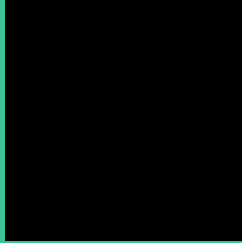
Any Text WCAG AA ✓ Pass

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 3DC196 Background



This preview shows how black text looks on a background with the Hex color 3DC196.

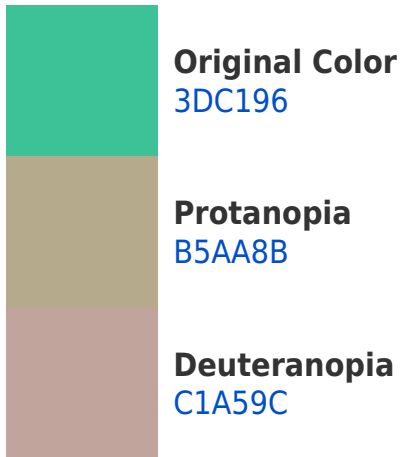


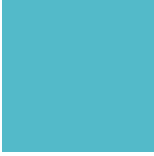
This preview shows how white text looks on a background with the Hex color 3DC196.

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
53BAC9

Trichromacy



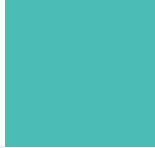
Original Color
3DC196



Protanomaly
89B28F



Deuteranomaly
91AF9A



Tritanomaly
4BBDB6

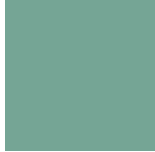
Monochromacy



Original Color
3DC196



Achromatopsia
959595



Achromatomaly
75A595

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DC196 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 #3DC196 looks like.

```
.text, #text, p{  
    color:#3DC196  
}
```

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 #3DC196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC196
}
```

Border

The CSS property to change the border of an element to Hex 3DC196 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
#3DC196 }
```

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

```
.border{ border-color:#3DC196 }
```

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

Here you see how a box with a 4 pixel #3DC196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC196; -webkit-box-shadow:4px 4px  
4px 4px #3DC196; box-shadow:4px 4px 4px  
4px #3DC196 }
```

Background

The CSS property to change the background color of an element to Hex 3DC196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC196 }
```

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

```
.background{ background-color:#3DC196 }
```

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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