

# Converting Colors

Hex(3FC28D)

Have a look what the booklet for  
Hex(3FC28D) contains.

<b>Hex(3FC28D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3FC28D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FC28D
RGB	63, 194, 141
RGB Percent	25%, 76%, 55%
CMY	0.7529, 0.2392, 0.4471
CMYK	0.68, 0.00, 0.27, 0.24
HSL	156°, 52%, 50%
HSV	156°, 68%, 76%
XYZ	26.1494, 41.5634, 31.8436
YIQ	148.7890, -61.0630, -44.2550

# Conversions

## Conversions Part 2

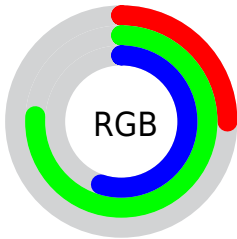
Format	Color
<a href="#">RYB</a>	<a href="#">63, 145, 194</a>
Decimal	<a href="#">4178573</a>
CIELab	<a href="#">70.57, -47.95, 16.50</a>
CIELCh	<a href="#">71, 50.706, 161.008</a>
Yxy	<a href="#">41.5634, 0.2627, 0.4175</a>
Android (android.graphics.Color)	<a href="#">4282368653 (0xFF3FC28D)</a>
YUV	<a href="#">148.7890, -3.8400, -75.2370</a>
Hunter-Lab	<a href="#">64.4697, -40.4210, 15.8436</a>

# Details

The Hex color **3FC28D** 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 **C23F74**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7DFBC3**, and **008B5B** is the 20% darker color. If you saturate the color by 10%, you get **2CC285**, and if you desaturate by 10%, it is **52C295**.

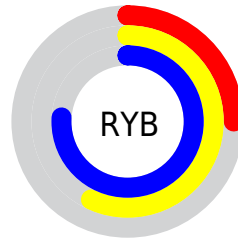
# Distribution



Red (25%)

Green (76%)

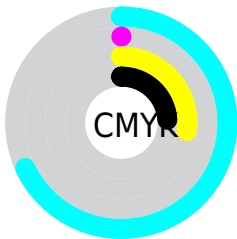
Blue (55%)



Red (25%)

Yellow (57%)

Blue (76%)

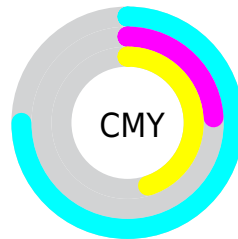


Cyan (68%)

Magenta (0%)

Yellow (27%)

Black (24%)



Cyan (75%)

Magenta (24%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FC28D 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 3FC28D by changing the saturation by 10% instead.





3FC28D



3FC28D

FFFFFF



13A673



7DFBC3



008B5B



9BFFDF



007143



B9FFFB



00582C



D6FFFF



003F17



F4FFFF



002900



000400



000000



3FC28D



3FC28D

 2CC285

 52C295

 18C27D

 66C29D

 05C275

 79C2A5

 00C274

 8DC2AC

 A0C2B4

 B3C2BC

 C7C2C4

 DAC2CC

 EEC2D4

# Harmonies

## Analogous

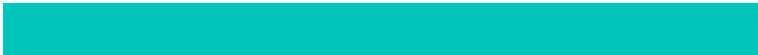
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85BB64



3FC28D



00C4BD

# Triad

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



3FC28D



7EACFF



FC8F72

# Complementary

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



3FC28D



C23F74

# 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.



FF869D



3FC28D



C69AF3

# Square

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



3FC28D



00BAFF



F28ACC



E0A055

# Rectangle

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



3FC28D



00C3DB



F28ACC



FF8B80

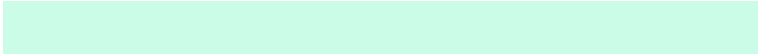


# Sweetspot

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



3FC28D



CAFCE8



76C23F



618073



000000



808080



# Same Dimension

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



3FC28D



30FCAA



3FB7C2



57615D



00A160



002114



# Inverse Universe

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



C23F74



FC3083



C24A3F



61575B



A10041

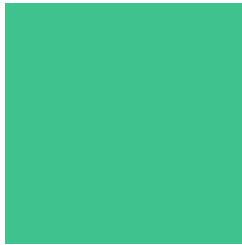


21000D



# Previews

## White Background



This preview shows how the Hex color 3FC28D looks on a white background.

## Color Contrast Check

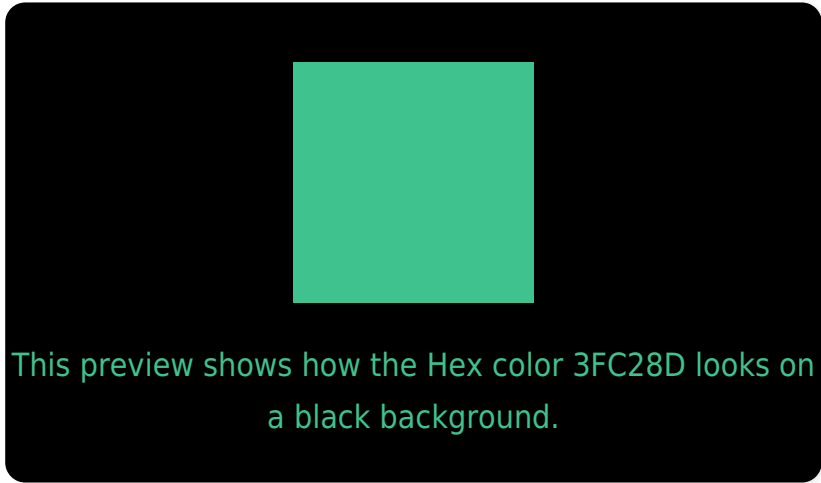
Large Text (above 18pt) WCAG AA × Fail

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

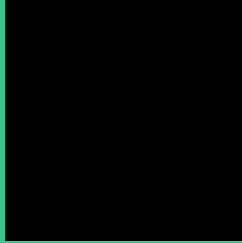
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FC28D Background



This preview shows how black text looks on a background with the Hex color 3FC28D.

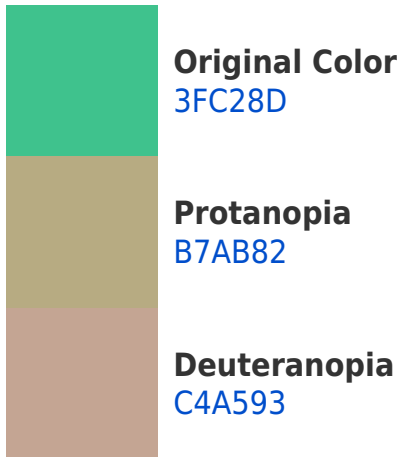


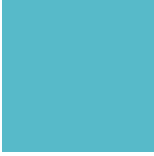
This preview shows how white text looks on a background with the Hex color 3FC28D.

# 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**  
57BAC9

# Trichromacy



**Original Color**  
3FC28D



**Protanomaly**  
8BB386



**Deuteranomaly**  
94B091



**Tritanomaly**  
4EBDB3

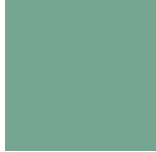
# Monochromacy



**Original Color**  
3FC28D



**Achromatopsia**  
959595



**Achromatomaly**  
76A592

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FC28D 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 #3FC28D looks like.

```
.text, #text, p{  
    color:#3FC28D  
}
```

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 #3FC28D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FC28D
}
```

## Border

The CSS property to change the border of an element to Hex 3FC28D 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
#3FC28D }
```

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

```
.border{ border-color:#3FC28D }
```

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

Here you see how a box with a 4 pixel #3FC28D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FC28D; -webkit-box-shadow:4px 4px  
4px 4px #3FC28D; box-shadow:4px 4px 4px  
4px #3FC28D }
```

# Background

The CSS property to change the background color of an element to Hex 3FC28D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FC28D }
```

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

```
.background{ background-color:#3FC28D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor