

# Converting Colors

Hex(3DBF83)

Have a look what the booklet for  
Hex(3DBF83) contains.

<b>Hex(3DBF83)</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(3DBF83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DBF83
RGB	61, 191, 131
RGB Percent	24%, 75%, 51%
CMY	0.7608, 0.2510, 0.4863
CMYK	0.68, 0.00, 0.31, 0.25
HSL	152°, 52%, 49%
HSV	152°, 68%, 75%
XYZ	24.6520, 39.8924, 27.8734
YIQ	145.2900, -58.2200, -46.2200

# Conversions

## Conversions Part 2

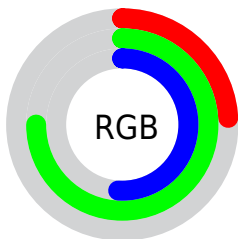
Format	Color
<a href="#">RYB</a>	<a href="#">61, 146, 191</a>
Decimal	<a href="#">4046723</a>
CIELab	<a href="#">69.39, -49.21, 20.24</a>
CIELCh	<a href="#">69, 53.206, 157.644</a>
Yxy	<a href="#">39.8924, 0.2667, 0.4317</a>
Android (android.graphics.Color)	<a href="#">4282236803 (0xFF3DBF83)</a>
YUV	<a href="#">145.2900, -7.0450, -73.9223</a>
Hunter-Lab	<a href="#">63.1604, -40.8608, 18.0469</a>

# Details

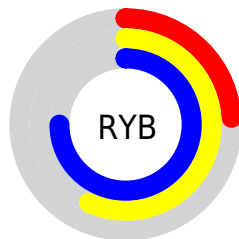
The Hex color **3DBF83** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF3D79**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7BF8B8**, and **008851** is the 20% darker color. If you saturate the color by 10%, you get **2ABF7A**, and if you desaturate by 10%, it is **50BF8C**.

# Distribution



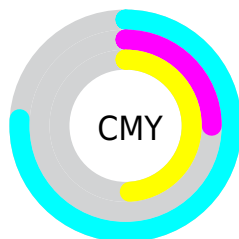
- Red (24%)
- Green (75%)
- Blue (51%)



- Red (24%)
- Yellow (57%)
- Blue (75%)



- Cyan (68%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)



- Cyan (76%)
- Magenta (25%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DBF83 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 3DBF83 by changing the saturation by 10% instead.



 3DBF83

 3DBF83

FFFFFF

 10A36A

 7BF8B8

 008851

 99FFD4

 006E3A

 B6FFF0

 005523

 D4FFFF

 003C0E

 F2FFFF

 002600

 000000

 3DBF83

 3DBF83

 2ABF7A

 50BF8C

 17BF71

 63BF95

 04BF69

 76BF9D

 00BF67

 89BFA6

 9DBFAF

 B0BFB8

 C3BFC1

 D6BFCA

 E9BFD2

# Harmonies

## Analogous

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



86B85A



3DBF83



00C2B5

# Triad

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



3DBF83



6AAAF



FD8971

# Complementary

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



3DBF83



BF3D79

# 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.



FF809F



3DBF83



BD98F6

# Square

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



3DBF83



00B8FF



EE86CF



E39A4F

# Rectangle

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



3DBF83



00C1D5



EE86CF



FF847F

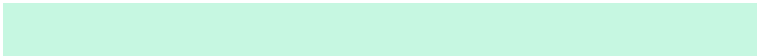


# Sweetspot

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



3DBF83



C6F7E1



7ABF3D



5F7D6F



FCFCFC



7D7D7D



# Same Dimension

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



3DBF83



2DF79A



3DBBBF



555E5A



009E55



001F10



# Inverse Universe

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



BF3D79



F72D8A



BF413D



5E5559



9E0049



1F000E



# Previews

## White Background



This preview shows how the Hex color 3DBF83 looks on a white background.

## Color Contrast Check

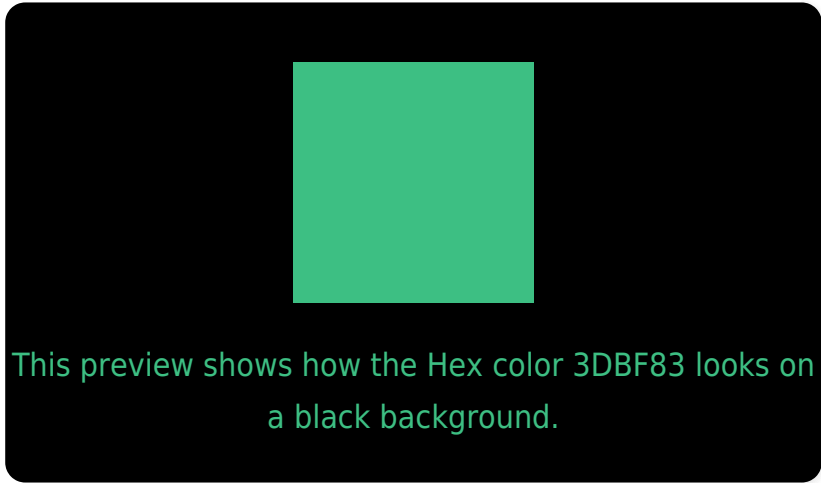
Large Text (above 18pt) WCAG AA × Fail

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 3DBF83 Background



This preview shows how black text looks on a background with the Hex color 3DBF83.

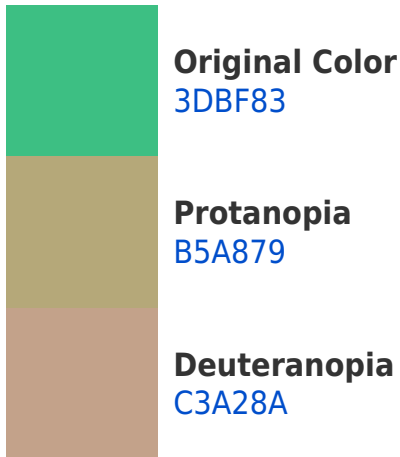


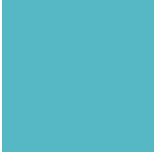
This preview shows how white text looks on a background with the Hex color 3DBF83.

# 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



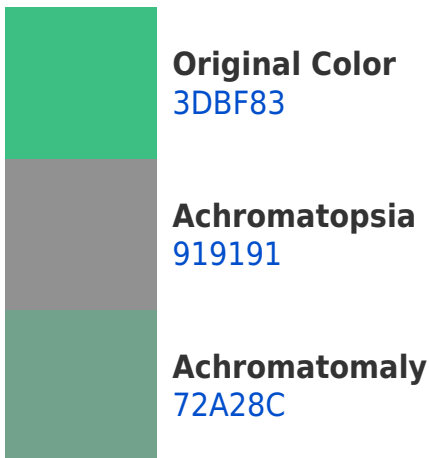


**Tritanopia**  
56B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DBF83 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 #3DBF83 looks like.

```
.text, #text, p{  
    color:#3DBF83  
}
```

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 #3DBF83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DBF83
}
```

## Border

The CSS property to change the border of an element to Hex 3DBF83 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
#3DBF83 }
```

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

```
.border{ border-color:#3DBF83 }
```

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

Here you see how a box with a 4 pixel #3DBF83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DBF83; -webkit-box-shadow:4px 4px  
4px 4px #3DBF83; box-shadow:4px 4px 4px  
4px #3DBF83 }
```

# Background

The CSS property to change the background color of an element to Hex 3DBF83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DBF83 }
```

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

```
.background{ background-color:#3DBF83 }
```

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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