

# Converting Colors

Hex(53BDA3)

Have a look what the booklet for  
Hex(53BDA3) contains.

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**Color**

**Hex(53BDA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53BDA3
RGB	83, 189, 163
RGB Percent	33%, 74%, 64%
CMY	0.6745, 0.2588, 0.3608
CMYK	0.56, 0.00, 0.14, 0.26
HSL	165°, 45%, 53%
HSV	165°, 56%, 74%
XYZ	28.3757, 40.8785, 41.0451
YIQ	154.3420, -54.8300, -30.5580

# Conversions

## Conversions Part 2

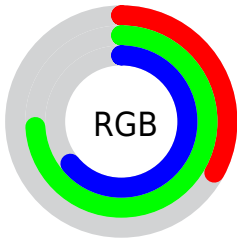
Format	Color
<a href="#">RYB</a>	<a href="#">83, 143, 189</a>
Decimal	<a href="#">5488035</a>
CIELab	<a href="#">70.09, -36.91, 3.96</a>
CIELCh	<a href="#">70, 37.118, 173.882</a>
Yxy	<a href="#">40.8785, 0.2573, 0.3706</a>
Android (android.graphics.Color)	<a href="#">4283678115 (0xFF53BDA3)</a>
YUV	<a href="#">154.3420, 4.2684, -62.5669</a>
Hunter-Lab	<a href="#">63.9363, -32.6681, 6.6931</a>

# Details

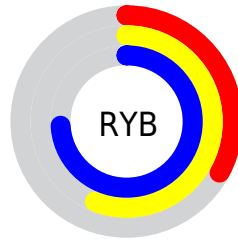
The Hex color **53BDA3** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BD536D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8DF6DA**, and **04876F** is the 20% darker color. If you saturate the color by 10%, you get **40BD9E**, and if you desaturate by 10%, it is **66BDA8**.

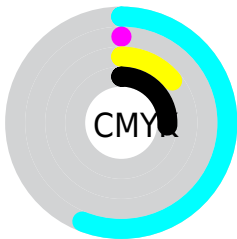
# Distribution



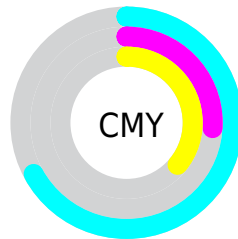
- Red (33%)
- Green (74%)
- Blue (64%)



- Red (33%)
- Yellow (56%)
- Blue (74%)



- Cyan (56%)
- Magenta (0%)
- Yellow (14%)
- Black (26%)



- Cyan (67%)
- Magenta (26%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53BDA3 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 53BDA3 by changing the saturation by 10% instead.





53BDA3



53BDA3

FFFFFF



34A289



8DF6DA



04876F



AAFFF6



006D57



C7FFFF



005440



E4FFFF



003C2A



002715



000100



000000



53BDA3



53BDA3

 40BD9E

 66BDA8

 2DBD9A

 79BDAC

 1ABD95

 8CBDB1

 07BD90

 9FBDB6

 00BD8F

 B2BDBA

 C4BDBF

 D7BDC3

 EABDC8

 FDBDCD

# Harmonies

## Analogous

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



7FB982



53BDA3



26BDC5

# Triad

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



53BDA3



A5A5E9



E19B76

# Complementary

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



53BDA3



BD536D

# 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.



ED9392



53BDA3



CF99D3

# Square

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



53BDA3



6FB1EE



E892B4



C8A768

# Rectangle

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



53BDA3



26BBD9



E892B4



E7987E

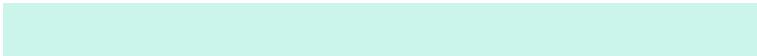


# Sweetspot

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



53BDA3



CBF5EB



6EBD53



627A74



FAFAFA



7A7A7A



# Same Dimension

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



53BDA3



51F5CD



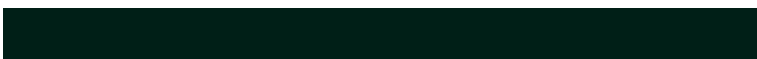
53A3BD



555E5C



009E77



001F17



# Inverse Universe

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



BD536D



F55179



BD6E53



5E5557



9E0027

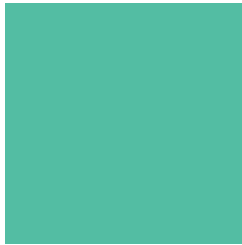


1F0008



# Previews

## White Background



This preview shows how the Hex color 53BDA3 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 53BDA3 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 53BDA3 Background



This preview shows how black text looks on a background with the Hex color 53BDA3.

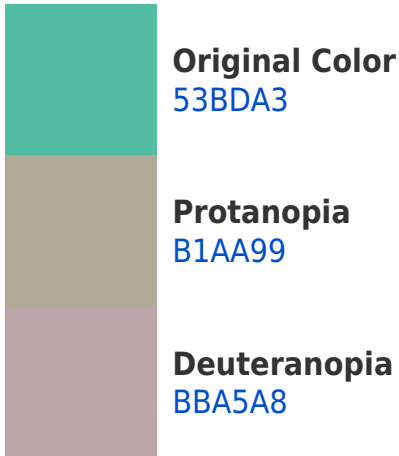


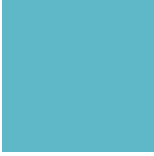
This preview shows how white text looks on a background with the Hex color 53BDA3.

# 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](#).

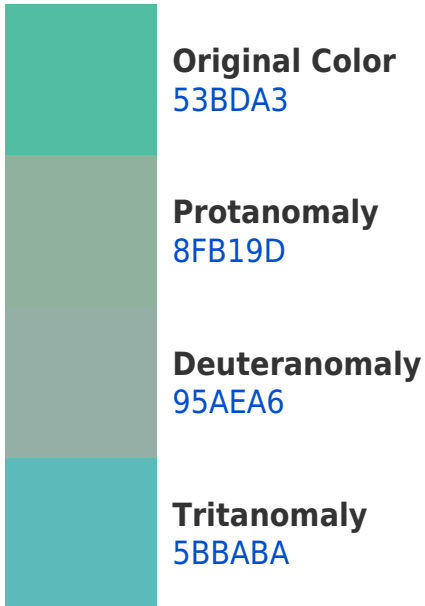
## Dichromacy



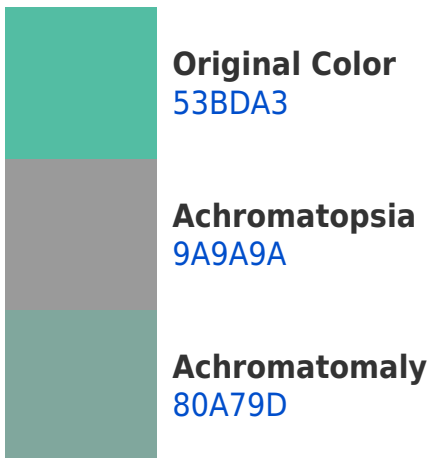


**Tritanopia**  
5FB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53BDA3 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 #53BDA3 looks like.

```
.text, #text, p{  
    color:#53BDA3  
}
```

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 #53BDA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BDA3
}
```

## Border

The CSS property to change the border of an element to Hex 53BDA3 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
#53BDA3 }
```

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

```
.border{ border-color:#53BDA3 }
```

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

Here you see how a box with a 4 pixel #53BDA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BDA3; -webkit-box-shadow:4px 4px  
4px 4px #53BDA3; box-shadow:4px 4px 4px  
4px #53BDA3 }
```

# Background

The CSS property to change the background color of an element to Hex 53BDA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BDA3 }
```

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

```
.background{ background-color:#53BDA3 }
```

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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