

# Converting Colors

Hex(53B1A5)

Have a look what the booklet for  
Hex(53B1A5) contains.

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**Color**

**Hex(53B1A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53B1A5
RGB	83, 177, 165
RGB Percent	33%, 69%, 65%
CMY	0.6745, 0.3059, 0.3529
CMYK	0.53, 0.00, 0.07, 0.31
HSL	172°, 38%, 51%
HSV	172°, 53%, 69%
XYZ	26.0810, 35.9999, 41.1714
YIQ	147.5260, -52.1720, -23.6600

# Conversions

## Conversions Part 2

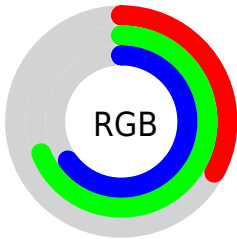
Format	Color
<a href="#">RYB</a>	<a href="#">83, 133, 177</a>
Decimal	<a href="#">5484965</a>
CIELab	<a href="#">66.52, -30.78, -2.35</a>
CIElCh	<a href="#">67, 30.867, 184.364</a>
Yxy	<a href="#">35.9999, 0.2526, 0.3487</a>
Android (android.graphics.Color)	<a href="#">4283675045 (0xFF53B1A5)</a>
YUV	<a href="#">147.5260, 8.6147, -56.5893</a>
Hunter-Lab	<a href="#">59.9999, -27.4089, 1.3157</a>

# Details

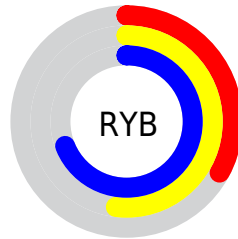
The Hex color **53B1A5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B1535F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8CE9DC**, and **0C7C71** is the 20% darker color. If you saturate the color by 10%, you get **41B1A3**, and if you desaturate by 10%, it is **65B1A7**.

# Distribution



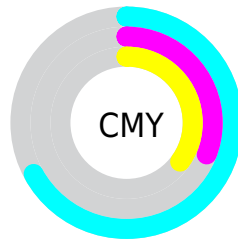
- Red (33%)
- Green (69%)
- Blue (65%)



- Red (33%)
- Yellow (52%)
- Blue (69%)



- Cyan (53%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (67%)
- Magenta (31%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53B1A5 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 53B1A5 by changing the saturation by 10% instead.



 53B1A5

 53B1A5

FFFFFF

 35968B

 8CE9DC

 0C7C71

 A8FFF8

 006359

 C5FFFF

 004A42

 E2FFFF

 00332C

 001F17

 000000

 53B1A5

 53B1A5

 41B1A3

 65B1A7

■ 30B1A0

■ 76B1AA

■ 1EB19E

■ 88B1AC

■ 0CB19C

■ 9AB1AE

■ 00B19A

■ ABB1B0

■ BDB1B3

■ CFB1B5

■ E1B1B7

■ F2B1B9

# Harmonies

## Analogous

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



72AF89



53B1A5



44B0C0

# Triad

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



53B1A5



AB99D0



C99870

# Complementary

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



53B1A5



B1535F

# 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.



D79084



53B1A5



C890BA

# Square

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



53B1A5



83A3D9



D78D9F



B1A16A

# Rectangle

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



53B1A5



4FADCE



D78D9F



CF9576



# Sweetspot

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



53B1A5



C1E6E1



60B153



5D7370



F2F2F2



737373



# Same Dimension

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



53B1A5



53E6D3



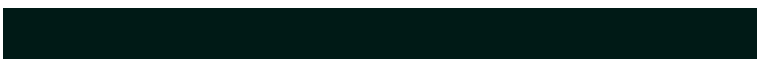
538FB1



505958



009985



001A16



# Inverse Universe

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



B1535F



E65365



B17553



595051



990014

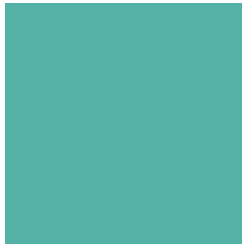


1A0003



# Previews

## White Background



This preview shows how the Hex color 53B1A5 looks on a white background.

## Color Contrast Check

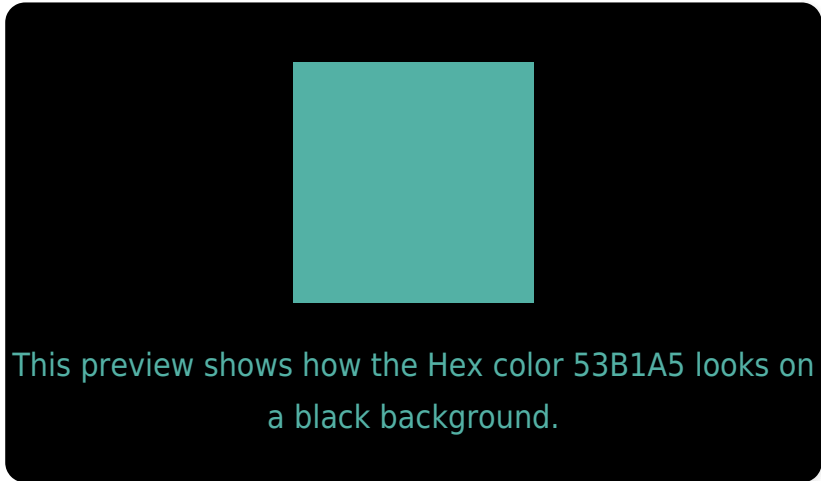
Large Text (above 18pt) WCAG AA × Fail

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

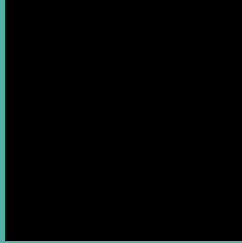
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

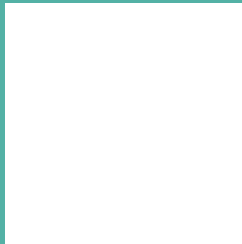
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53B1A5 Background



This preview shows how black text looks on a background with the Hex color 53B1A5.

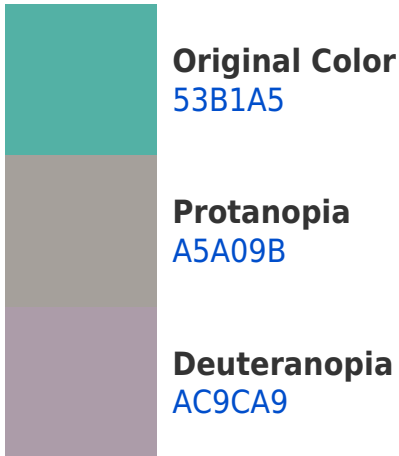


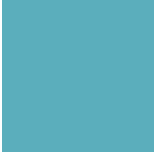
This preview shows how white text looks on a background with the Hex color 53B1A5.

# Color Blindness Simulation

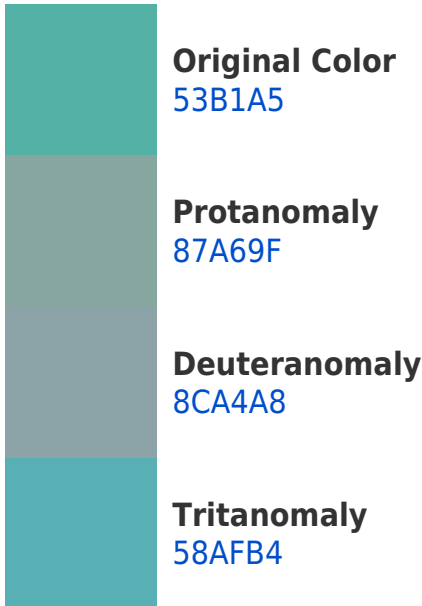
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

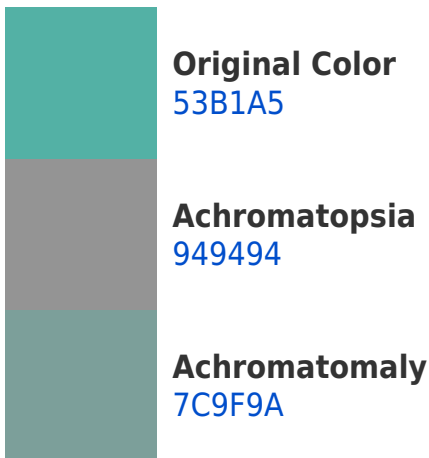




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53B1A5 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 #53B1A5 looks like.

```
.text, #text, p{  
    color:#53B1A5  
}
```

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 #53B1A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B1A5
}
```

## Border

The CSS property to change the border of an element to Hex 53B1A5 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
#53B1A5 }
```

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

```
.border{ border-color:#53B1A5 }
```

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

Here you see how a box with a 4 pixel #53B1A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B1A5; -webkit-box-shadow:4px 4px  
4px 4px #53B1A5; box-shadow:4px 4px 4px  
4px #53B1A5 }
```

# Background

The CSS property to change the background color of an element to Hex 53B1A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B1A5 }
```

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

```
.background{ background-color:#53B1A5 }
```

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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