

# Converting Colors

Hex(52B393)

Have a look what the booklet for  
Hex(52B393) contains.

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**Color**

**Hex(52B393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52B393
RGB	82, 179, 147
RGB Percent	32%, 70%, 58%
CMY	0.6784, 0.2980, 0.4235
CMYK	0.54, 0.00, 0.18, 0.30
HSL	160°, 39%, 51%
HSV	160°, 54%, 70%
XYZ	24.8662, 36.1406, 33.2690
YIQ	146.3490, -47.5400, -30.5160

# Conversions

## Conversions Part 2

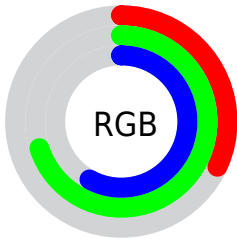
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 140, 179
Decimal	5419923
CIELab	66.63, -36.37, 7.75
CIELCh	67, 37.182, 167.964
Yxy	36.1406, 0.2638, 0.3833
Android (android.graphics.Color)	4283610003 (0xFF52B393)
YUV	146.3490, 0.3209, -56.4341
Hunter-Lab	60.1171, -31.3719, 9.2706

# Details

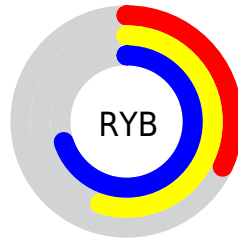
The Hex color **52B393** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B35272**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8AEBC9**, and **0C7E60** is the 20% darker color. If you saturate the color by 10%, you get **40B38D**, and if you desaturate by 10%, it is **64B399**.

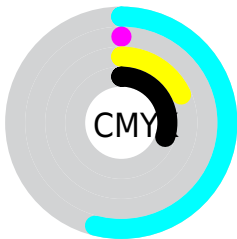
# Distribution



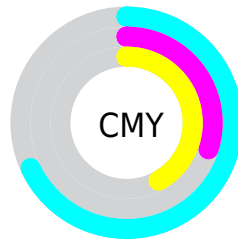
- Red (32%)
- Green (70%)
- Blue (58%)



- Red (32%)
- Yellow (55%)
- Blue (70%)



- Cyan (54%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)



- Cyan (68%)
- Magenta (30%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52B393 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 52B393 by changing the saturation by 10% instead.



 52B393

 52B393


FFFFFF

 349879

 8AEBC9

 0C7E60

 A7FFE5

 006449

 C3FFFF

 004B32

 E1FFFF

 00341D

FEFFFF

 001F04

 000000

 52B393

 52B393

 40B38D

 64B399

 2EB387

 76B39F

 1CB381

 88B3A5

 0AB37B

 9AB3AB

 00B378

 ACB3B1

 BDB3B6

 CFB3BC

 E1B3C2

 F3B3C8

# Harmonies

## Analogous

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



7EAE74



52B393



1AB4B6

# Triad

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



52B393



929EE1



DB9072

# Complementary

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



52B393



B35272

# 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.



E3898F



52B393



BF92CF

# Square

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



52B393



58A9E3



DA89B1



C49B61

# Rectangle

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



52B393



00B2CA



DA89B1



DF8D7B



# Sweetspot

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



52B393



C3E8DC



72B352



5F756E



F5F5F5



757575



# Same Dimension

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



52B393



51E8B6



52A3B3



505956



009967



001A11



# Inverse Universe

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



B35272



E85183



B36252



595053



990032

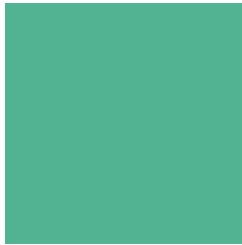


1A0008



# Previews

## White Background



This preview shows how the Hex color 52B393 looks on a white background.

## Color Contrast Check

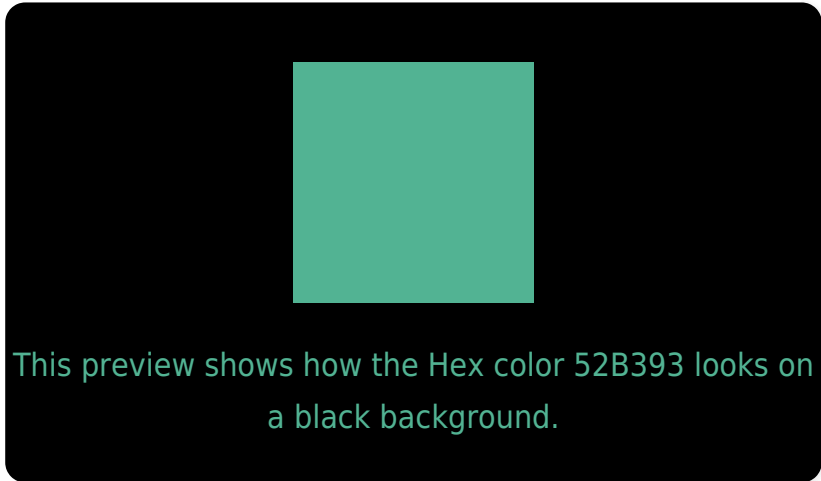
Large Text (above 18pt) WCAG AA × Fail

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

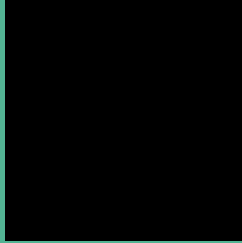
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52B393 Background



This preview shows how black text looks on a background with the Hex color 52B393.

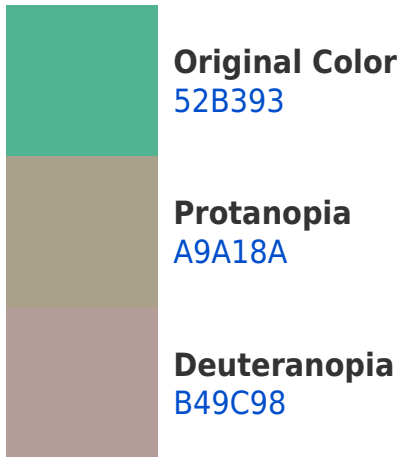


This preview shows how white text looks on a background with the Hex color 52B393.

# 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



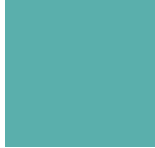
**Original Color**  
52B393



**Protanomaly**  
89A88D



**Deuteranomaly**  
90A496



**Tritanomaly**  
5AAFAC

# Monochromacy



**Original Color**  
52B393



**Achromatopsia**  
929292



**Achromatomaly**  
7B9E92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52B393 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 #52B393 looks like.

```
.text, #text, p{  
    color:#52B393  
}
```

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 #52B393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B393
}
```

## Border

The CSS property to change the border of an element to Hex 52B393 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
#52B393 }
```

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

```
.border{ border-color:#52B393 }
```

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

Here you see how a box with a 4 pixel #52B393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B393; -webkit-box-shadow:4px 4px  
4px 4px #52B393; box-shadow:4px 4px 4px  
4px #52B393 }
```

# Background

The CSS property to change the background color of an element to Hex 52B393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B393 }
```

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

```
.background{ background-color:#52B393 }
```

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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