

# Converting Colors

Hex(53DEBD)

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

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**Color**

**Hex(53DEBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53DEBD
RGB	83, 222, 189
RGB Percent	33%, 87%, 74%
CMY	0.6745, 0.1294, 0.2588
CMYK	0.63, 0.00, 0.15, 0.13
HSL	166°, 68%, 60%
HSV	166°, 63%, 87%
XYZ	38.8739, 57.7557, 57.2432
YIQ	176.6770, -72.2510, -39.7310

# Conversions

## Conversions Part 2

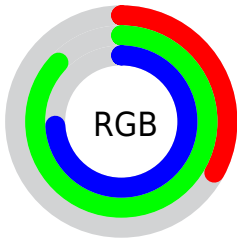
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 162, 222
Decimal	5496509
CIELab	80.60, -45.25, 5.14
CIELCh	81, 45.538, 173.521
Yxy	57.7557, 0.2526, 0.3753
Android (android.graphics.Color)	4283686589 (0xFF53DEBD)
YUV	176.6770, 6.0752, -82.1547
Hunter-Lab	75.9972, -41.6892, 8.5391

# Details

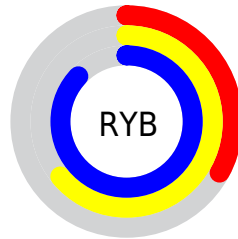
The Hex color **53DEBD** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DE5374**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **92FFF5**, and **00A688** is the 20% darker color. If you saturate the color by 10%, you get **3DDEB8**, and if you desaturate by 10%, it is **69DEC2**.

# Distribution



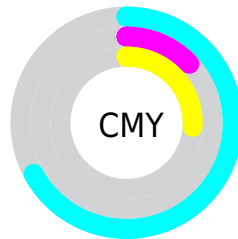
- Red (33%)
- Green (87%)
- Blue (74%)



- Red (33%)
- Yellow (64%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



 53DEBD

 53DEBD

FFFFFF

 2EC2A2

 92FFF5

 00A688

 B0FFFF

 008B6E

 CEFFFF

 007156

 ECFFFF

 00573F

 003F29

 002A15

 000400

 000000

 53DEBD

 53DEBD

 3DDEB8

 69DEC2

 27DEB2

 7FDEC8

 10DEAD

 96DECD

 00DEA9

 ACDED2

 C2DED7

 D8DEDD

 EEDEE2

 FFDEE7

 FFDEEC

# Harmonies

## Analogous

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



90D994



53DEBD



00DEE9

# Triad

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



53DEBD



BFC0FF



FFB385

# Complementary

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



53DEBD



DE5374

# 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.



FFA8A8



53DEBD



F5B1FB

# Square

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



53DEBD



76CFFF



FFA7D3



ECC273

# Rectangle

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



53DEBD



00DCFF



FFA7D3



FFAF8F

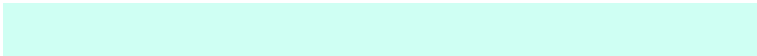


# Sweetspot

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



53DEBD



CFFF3



76DE53



628079



000000



808080



# Same Dimension

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



53DEBD



40FFD2



53BBDE



65706E



00B086



003025



# Inverse Universe

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



DE5374



FF406D



DE7653



706568



B0002A

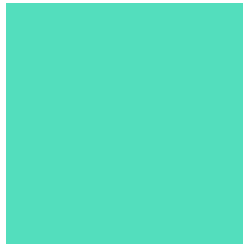


30000C



# Previews

## White Background



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

## Color Contrast Check

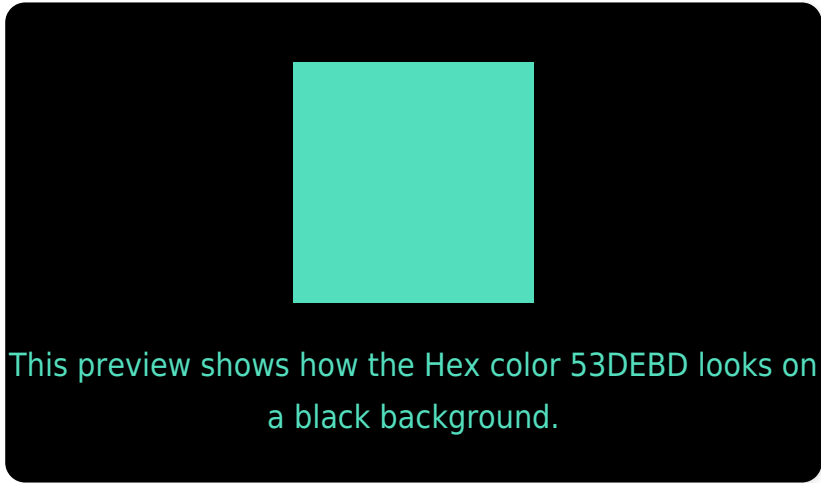
Large Text (above 18pt) WCAG AA × Fail

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

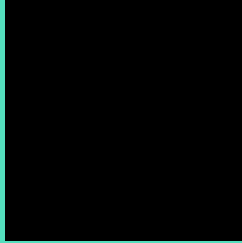
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

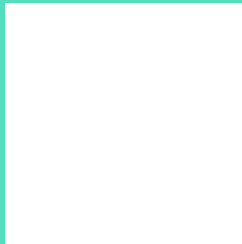
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53DEBD Background



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



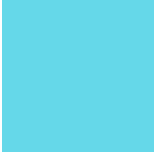
This preview shows how white text looks on a background with the Hex color 53DEBD.

# 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**  
65D8E9

# Trichromacy



**Original Color**  
53DEBD



**Protanomaly**  
A2CFB5



**Deuteranomaly**  
AACBC1



**Tritanomaly**  
5EDAD9

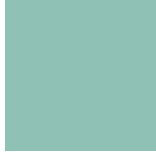
# Monochromacy



**Original Color**  
53DEBD



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
8FC1B5

# CSS Examples

## Text

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

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

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 #53DEBD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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