

Converting Colors

Hex(54DEBB)

Have a look what the booklet for
Hex(54DEBB) contains.

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Color

Hex(54DEBB)

Conversions

Conversions Part 1

Format	Color
Hex	54DEBB
RGB	84, 222, 187
RGB Percent	33%, 87%, 73%
CMY	0.6706, 0.1294, 0.2667
CMYK	0.62, 0.00, 0.16, 0.13
HSL	165°, 68%, 60%
HSV	165°, 62%, 87%
XYZ	38.7471, 57.7152, 56.1117
YIQ	176.7480, -71.0130, -40.1410

Conversions

Conversions Part 2

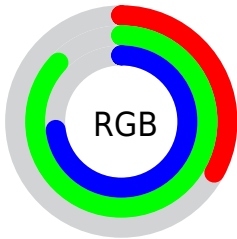
Format	Color
RYB	84, 163, 222
Decimal	5562043
CIELab	80.58, -45.55, 6.17
CIELCh	81, 45.969, 172.286
Yxy	57.7152, 0.2540, 0.3783
Android (android.graphics.Color)	4283752123 (0xFF54DEBB)
YUV	176.7480, 5.0542, -81.3400
Hunter-Lab	75.9705, -41.9085, 9.3879

Details

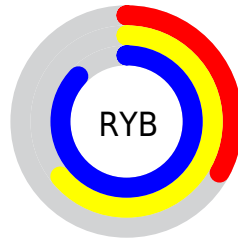
The Hex color **54DEBB** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DE5477**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **92FFF3**, and **00A686** is the 20% darker color. If you saturate the color by 10%, you get **3EDEB5**, and if you desaturate by 10%, it is **6ADEC1**.

Distribution



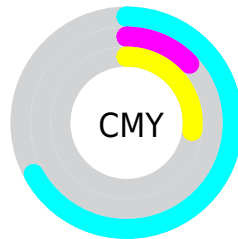
- Red (33%)
- Green (87%)
- Blue (73%)



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



- Cyan (62%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54DEBB 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 54DEBB by changing the saturation by 10% instead.

 54DEBB

 54DEBB

FFFFFF

 2FC2A0

 92FFF3

 00A686

 B0FFFF

 008B6D

 CFFFFFF

 007154

 EDFFFF

 00573D

 003F27

 002A13

 000400

 000000

 54DEBB

 54DEBB

 3EDEB5

 6ADEC1

 28DEB0

 80DEC6

 11DEAA

 97DECC

 00DEA6

 ADDED2

 C3DED7

 D9DEDD

 EFDEE2

 FFDEE8

 FFDEEE

Harmonies

Analogous

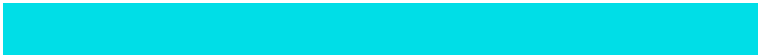
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91D992



54DEBB



00DEE7

Triad

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



54DEBB



BCC1FF



FFB386

Complementary

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



54DEBB



DE5477

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.



FFA8AA



54DEBB



F3B1FD

Square

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



54DEBB



71D0FF



FFA7D5



EDC272

Rectangle

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



54DEBB



00DCFF



FFA7D5



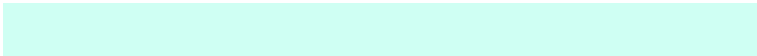
FFAE90

Sweetspot

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



54DEBB



CFFFF3



79DE54



628078



000000



808080

Same Dimension

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



54DEBB



40FFCE



54BEDE



65706D



00B083



003024

Inverse Universe

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



DE5477



FF4070



DE7454



706568



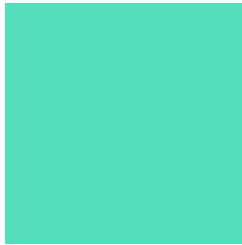
B0002D



30000C

Previews

White Background



This preview shows how the Hex color 54DEBB looks on a white background.

Color Contrast Check

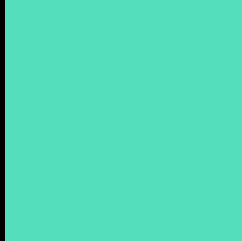
Large Text (above 18pt) WCAG AA × Fail

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 54DEBB 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

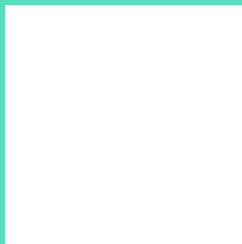
Any Text WCAG AAA ✓ Pass

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

Hex 54DEBB Background



This preview shows how black text looks on a background with the Hex color 54DEBB.

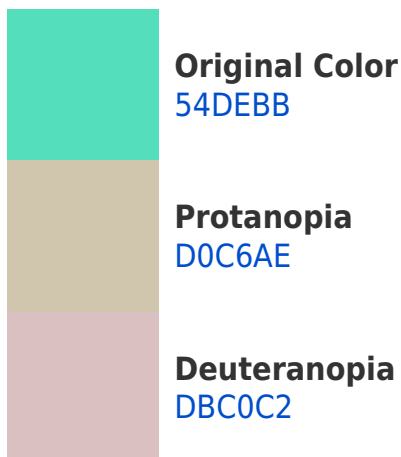


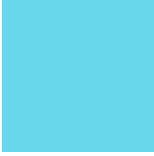
This preview shows how white text looks on a background with the Hex color 54DEBB.

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



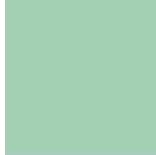


Tritanopia
66D8E9

Trichromacy



Original Color
54DEBB



Protanomaly
A3CFB3



Deuteranomaly
AACBBF

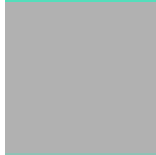


Tritanomaly
5FDAD8

Monochromacy



Original Color
54DEBB



Achromatopsia
B1B1B1



Achromatomaly
8FC1B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 54DEBB 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 #54DEBB looks like.

```
.text, #text, p{  
    color:#54DEBB  
}
```

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 #54DEBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54DEBB  
}
```

Border

The CSS property to change the border of an element to Hex 54DEBB 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  
#54DEBB }
```

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

```
.border{ border-color:#54DEBB }
```

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

Here you see how a box with a 4 pixel #54DEBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54DEBB; -webkit-box-shadow:4px 4px  
4px 4px #54DEBB; box-shadow:4px 4px 4px  
4px #54DEBB }
```

Background

The CSS property to change the background color of an element to Hex 54DEBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54DEBB }
```

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

```
.background{ background-color:#54DEBB }
```

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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