

# Converting Colors

Hex(52BEB3)

Have a look what the booklet for  
Hex(52BEB3) contains.

<b>Hex(52BEB3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(52BEB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52BEB3
RGB	82, 190, 179
RGB Percent	32%, 75%, 70%
CMY	0.6784, 0.2549, 0.2980
CMYK	0.57, 0.00, 0.06, 0.25
HSL	174°, 45%, 53%
HSV	174°, 57%, 75%
XYZ	30.0298, 41.8754, 49.1479
YIQ	156.4540, -60.8370, -26.3170

# Conversions

## Conversions Part 2

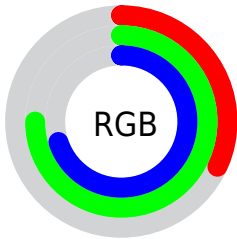
Format	Color
<a href="#">RYB</a>	<a href="#">82, 139, 190</a>
Decimal	<a href="#">5422771</a>
CIELab	<a href="#">70.78, -33.53, -3.79</a>
CIElCh	<a href="#">71, 33.741, 186.448</a>
Yxy	<a href="#">41.8754, 0.2481, 0.3459</a>
Android (android.graphics.Color)	<a href="#">4283612851 (0xFF52BEB3)</a>
YUV	<a href="#">156.4540, 11.1152, -65.2962</a>
Hunter-Lab	<a href="#">64.7112, -30.4101, 0.2674</a>

# Details

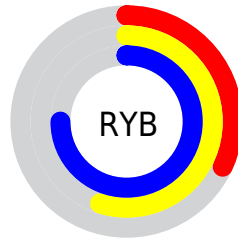
The Hex color **52BEB3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE525D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8DF7EB**, and **00887E** is the 20% darker color. If you saturate the color by 10%, you get **3FBEB1**, and if you desaturate by 10%, it is **65BEB5**.

# Distribution



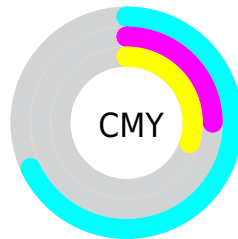
- Red (32%)
- Green (75%)
- Blue (70%)



- Red (32%)
- Yellow (55%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (68%)
- Magenta (25%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52BEB3 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 52BEB3 by changing the saturation by 10% instead.



 52BEB3

 52BEB3

FFFFFF

 31A398

 8DF7EB

 00887E

 AAFFFF

 006E65

 C7FFFF

 00554E

 E5FFFF

 003D37

 002722

 00060C

 000000

 52BEB3

 52BEB3

 3FBEB1

 65BEB5

 2CBEAF

 78BEB7

 19BEAD

 8BBEB9

 06BEAB

 9EBEBB

 00BEAB

 B1BEBD

 C4BEBF

 D7BEC1

 EABEC2

 FDBEC4

# Harmonies

## Analogous

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



76BC94



52BEB3



42BCD1

# Triad

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



52BEB3



BAA3DF



D7A376

# Complementary

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



52BEB3



BE525D

# 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.



E79A8A



52BEB3



DA99C6

# Square

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



52BEB3



8EAEEA



E996A8



BCAD70

# Rectangle

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



52BEB3



51B9DF



E996A8



DEA07B

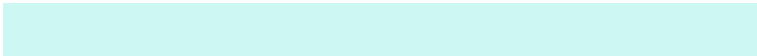


# Sweetspot

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



52BEB3



CDF7F3



5FBE52



647D7A



FCFCFC



7D7D7D



# Same Dimension

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



52BEB3



4FF7E6



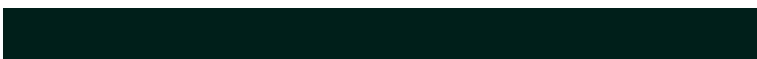
5295BE



555E5D



009E8E



001F1B



# Inverse Universe

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



BE525D



F74F60



BE7B52



5E5556



9E0010

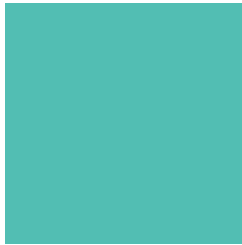


1F0003



# Previews

## White Background



This preview shows how the Hex color 52BEB3 looks on a white background.

## Color Contrast Check

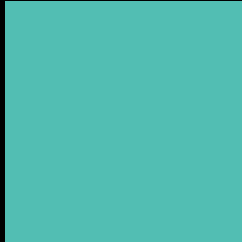
Large Text (above 18pt) WCAG AA × Fail

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 52BEB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

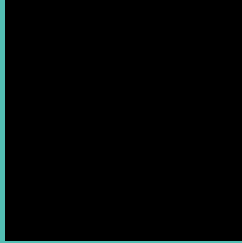
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

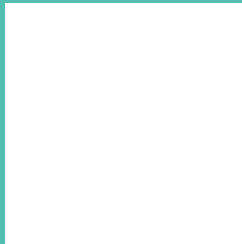
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52BEB3 Background



This preview shows how black text looks on a background with the Hex color 52BEB3.

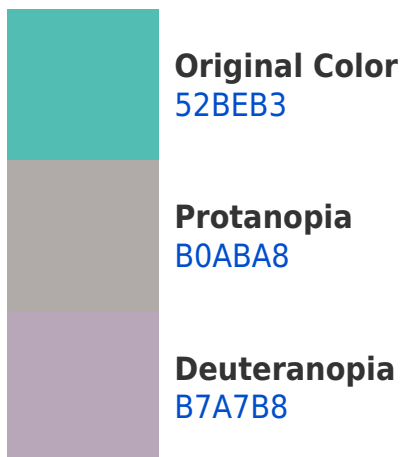


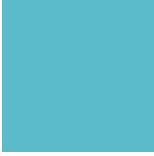
This preview shows how white text looks on a background with the Hex color 52BEB3.

# Color Blindness Simulation

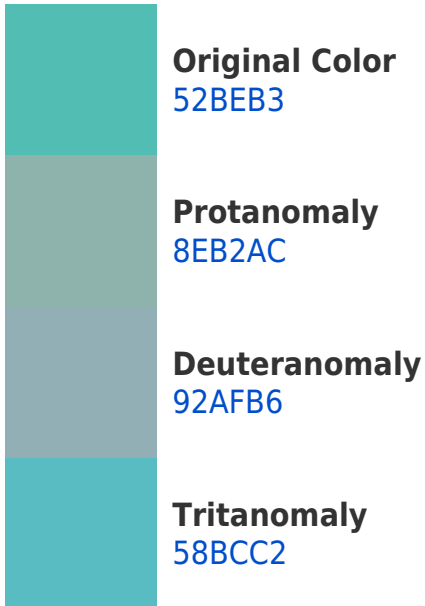
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52BEB3 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 #52BEB3 looks like.

```
.text, #text, p{  
    color:#52BEB3  
}
```

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 #52BEB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52BEB3
}
```

## Border

The CSS property to change the border of an element to Hex 52BEB3 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
#52BEB3 }
```

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

```
.border{ border-color:#52BEB3 }
```

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

Here you see how a box with a 4 pixel #52BEB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52BEB3; -webkit-box-shadow:4px 4px  
4px 4px #52BEB3; box-shadow:4px 4px 4px  
4px #52BEB3 }
```

# Background

The CSS property to change the background color of an element to Hex 52BEB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52BEB3 }
```

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

```
.background{ background-color:#52BEB3 }
```

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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