

# Converting Colors

Hex(52BEAD)

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

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**Color**

**Hex(52BEAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52BEAD
RGB	82, 190, 173
RGB Percent	32%, 75%, 68%
CMY	0.6784, 0.2549, 0.3216
CMYK	0.57, 0.00, 0.09, 0.25
HSL	171°, 45%, 53%
HSV	171°, 57%, 75%
XYZ	29.4360, 41.6379, 46.0206
YIQ	155.7700, -58.9110, -28.1830

# Conversions

## Conversions Part 2

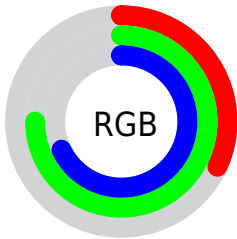
Format	Color
<b>RYB</b>	82, 141, 190
Decimal	5422765
CIELab	70.62, -35.08, -0.75
CIElCh	71, 35.087, 181.221
Yxy	41.6379, 0.2514, 0.3556
Android (android.graphics.Color)	4283612845 (0xFF52BEAD)
YUV	155.7700, 8.4944, -64.6963
Hunter-Lab	64.5274, -31.4953, 2.8839

# Details

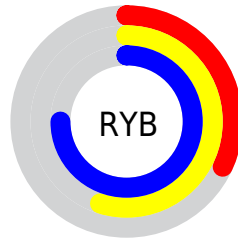
The Hex color **52BEAD** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE5263**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8DF7E4**, and **008879** is the 20% darker color. If you saturate the color by 10%, you get **3FBEAA**, and if you desaturate by 10%, it is **65BEB0**.

# Distribution



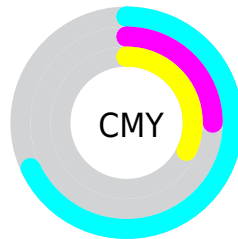
- Red (32%)
- Green (75%)
- Blue (68%)



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



- Cyan (57%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (68%)
- Magenta (25%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 52BEAD

 52BEAD


FFFFFF

 32A392

 8DF7E4

 008879

 AAFFFF

 006E60

 C7FFFF

 005548

 E4FFFF

 003D32

 00271D

 000404

 000000

 52BEAD

 52BEAD

 3FBEEA

 65BEB0

 2CBEE7

 78BEB3

 19BEE4

 8BBEB6

 06BEE1

 9EBEB9

 00BEE0

 B1BEEC

 C4BEEF

 D7BEE2

 EABEE5

 FDBEE8

# Harmonies

## Analogous

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



7ABB8D



52BEAD



37BDCE

# Triad

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



52BEAD



B2A4E3



DBA076

# Complementary

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



52BEAD



BE5263

# 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.



EA978D



52BEAD



D699CC

# Square

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



52BEAD



82AFEC



E994AD



C1AB6D

# Rectangle

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



52BEAD



42BADE



E994AD



E29D7C

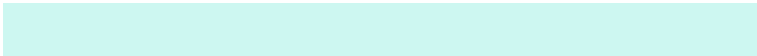


# Sweetspot

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



52BEAD



CDF7F1



64BE52



647D79



FCFCFC



7D7D7D



# Same Dimension

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



52BEAD



4FF7DD



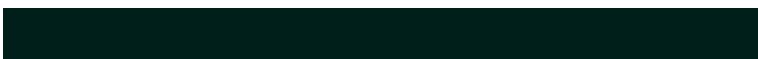
529ABE



555E5D



009E85



001F1A



# Inverse Universe

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



BE5263



F74F6A



BE7652



5E5556



9E0019

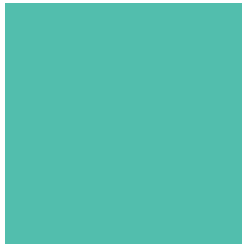


1F0005



# Previews

## White Background



This preview shows how the Hex color 52BEAD 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 52BEAD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

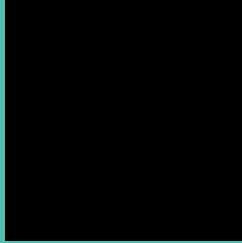
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

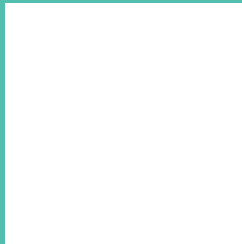
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52BEAD Background



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

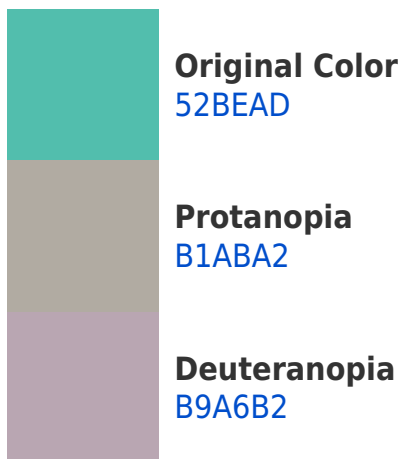


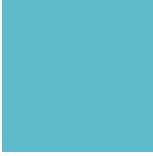
This preview shows how white text looks on a background with the Hex color 52BEAD.

# 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](#).

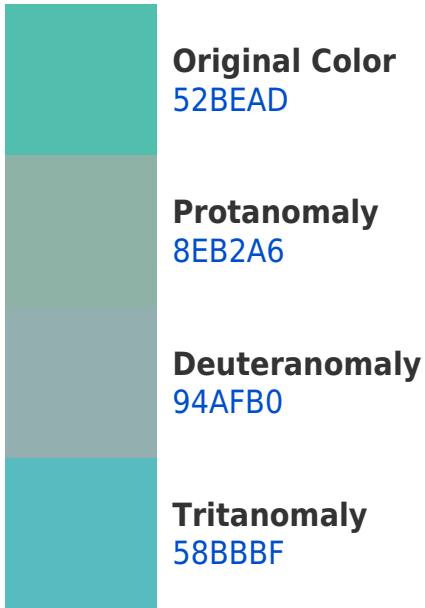
## Dichromacy



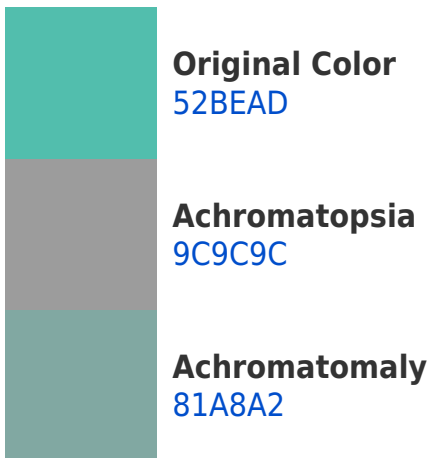


**Tritanopia**  
5CBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #52BEAD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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