

# Converting Colors

Hex(59BEAD)

Have a look what the booklet for  
Hex(59BEAD) contains.

|  |    |
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**Color**

**Hex(59BEAD)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 59BEAD                       |
| RGB         | 89, 190, 173                 |
| RGB Percent | 35%, 75%, 68%                |
| CMY         | 0.6510, 0.2549, 0.3216       |
| CMYK        | 0.53, 0.00, 0.09, 0.25       |
| HSL         | 170°, 44%, 55%               |
| HSV         | 170°, 53%, 75%               |
| XYZ         | 30.0761, 41.9679, 46.0506    |
| YIQ         | 157.8630, -54.7390, -26.6990 |

# Conversions

## Conversions Part 2

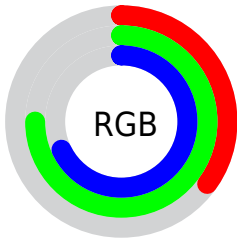
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 89, 144, 190                  |
| Decimal                             | 5881517                       |
| CIELab                              | 70.85, -33.63, -0.39          |
| CIElCh                              | 71, 33.630, 180.658           |
| Yxy                                 | 41.9679, 0.2547,<br>0.3554    |
| Android<br>(android.graphics.Color) | 4284071597<br>(0xFF59BEAD)    |
| YUV                                 | 157.8630, 7.4625,<br>-60.3929 |
| Hunter-Lab                          | 64.7826, -30.4989,<br>3.2017  |

# Details

The Hex color **59BEAD** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE596A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **92F7E4**, and **148879** is the 20% darker color. If you saturate the color by 10%, you get **46BEAA**, and if you desaturate by 10%, it is **6CBEB0**.

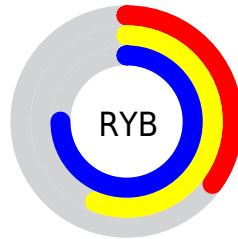
# Distribution



Red (35%)

Green (75%)

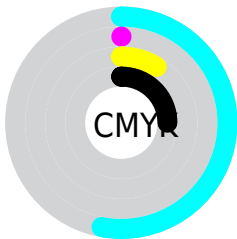
Blue (68%)



Red (35%)

Yellow (56%)

Blue (75%)

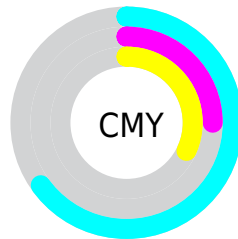


Cyan (53%)

Magenta (0%)

Yellow (9%)

Black (25%)



Cyan (65%)

Magenta (25%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59BEAD 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 59BEAD by changing the saturation by 10% instead.



 59BEAD

 59BEAD

FFFFFF

 3BA392

 92F7E4

 148879

 AFFFFFF

 006E60

 CCFFFF

 005548

 EAFFFF

 003D32

 00271D

 000604

 000000

 59BEAD

 59BEAD

 46BEAA

 6CBEB0

 33BEA7

 7FBEB3

 20BEA3

 92BEB7

 0DBEA0

 A5BEBA

 00BE9E

 B8BEBD

 CBBEC0

 DEBEC3

 F1BEC7

 FFBECA

# Harmonies

## Analogous

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



7DBB8E



59BEAD



42BDCC

# Triad

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



59BEAD



B2A5E2



DBA179

# Complementary

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



59BEAD



BE596A

# 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.



E99990



59BEAD



D59BCC

# Square

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



59BEAD



85B0EA



E796AE



C2AC70

# Rectangle

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



59BEAD



4BBADC



E796AE



E19E7F

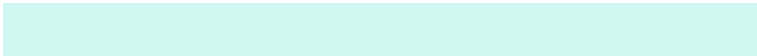


# Sweetspot

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



59BEAD



D0F7F1



6CBE59



657D79



FCFCFC



7D7D7D



# Same Dimension

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



59BEAD



59F7DD



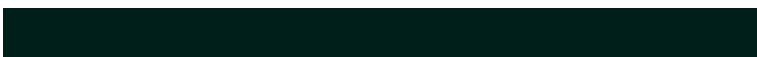
599EBE



555E5D



009E83



001F19



# Inverse Universe

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



BE596A



F75974



BE7959



5E5557



9E001B

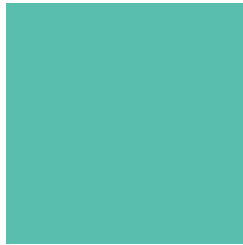


1F0005



# Previews

## White Background



This preview shows how the Hex color 59BEAD 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 59BEAD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

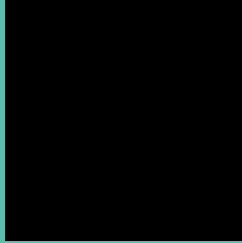
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59BEAD Background



This preview shows how black text looks on a background with the Hex color 59BEAD.

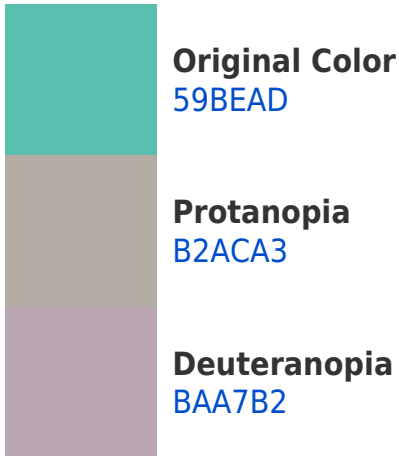


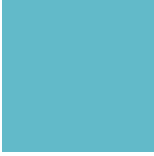
This preview shows how white text looks on a background with the Hex color 59BEAD.

# 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**  
62BAC9

# Trichromacy



**Original Color**  
59BEAD



**Protanomaly**  
92B3A7



**Deuteranomaly**  
97AFB0



**Tritanomaly**  
5FB3BF

# Monochromacy



**Original Color**  
59BEAD



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
85AAA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59BEAD 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 #59BEAD looks like.

```
.text, #text, p{  
    color:#59BEAD  
}
```

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 #59BEAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59BEAD
}
```

## Border

The CSS property to change the border of an element to Hex 59BEAD 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
#59BEAD }
```

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

```
.border{ border-color:#59BEAD }
```

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

Here you see how a box with a 4 pixel #59BEAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59BEAD; -webkit-box-shadow:4px 4px  
4px 4px #59BEAD; box-shadow:4px 4px 4px  
4px #59BEAD }
```

# Background

The CSS property to change the background color of an element to Hex 59BEAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59BEAD }
```

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

```
.background{ background-color:#59BEAD }
```

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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