

# Converting Colors

Hex(6CB983)

Have a look what the booklet for  
Hex(6CB983) contains.

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**Color**

**Hex(6CB983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CB983
RGB	108, 185, 131
RGB Percent	42%, 73%, 51%
CMY	0.5765, 0.2745, 0.4863
CMYK	0.42, 0.00, 0.29, 0.27
HSL	138°, 35%, 57%
HSV	138°, 42%, 73%
XYZ	27.6300, 39.5248, 27.6455
YIQ	155.8210, -28.5580, -33.1180

# Conversions

## Conversions Part 2

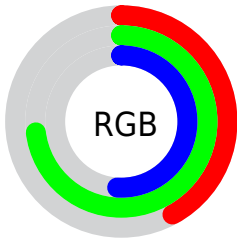
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 167, 185</a>
Decimal	<a href="#">7125379</a>
CIELab	<a href="#">69.13, -35.72, 20.13</a>
CIELCh	<a href="#">69, 41.000, 150.593</a>
Yxy	<a href="#">39.5248, 0.2915, 0.4169</a>
Android (android.graphics.Color)	<a href="#">4285315459 (0xFF6CB983)</a>
YUV	<a href="#">155.8210, -12.2368, -41.9390</a>
Hunter-Lab	<a href="#">62.8687, -31.5717, 17.9363</a>

# Details

The Hex color **6CB983** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B96CA2**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A3F2B8**, and **368351** is the 20% darker color. If you saturate the color by 10%, you get **5AB976**, and if you desaturate by 10%, it is **7FB990**.

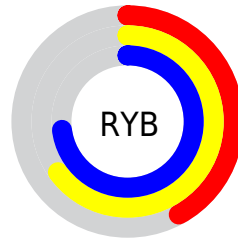
# Distribution



Red (42%)

Green (73%)

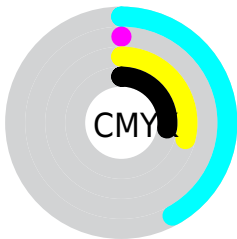
Blue (51%)



Red (42%)

Yellow (65%)

Blue (73%)

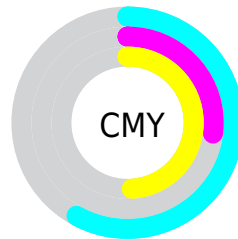


Cyan (42%)

Magenta (0%)

Yellow (29%)

Black (27%)



Cyan (58%)

Magenta (27%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CB983 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 6CB983 by changing the saturation by 10% instead.



 6CB983

 6CB983

FFFFFF

 519E6A

 A3F2B8

 368351

 BFFFD4

 186A3A

 DBFFF0

 005124

 F8FFFF

 00390E

 002500

 000000

 6CB983

 6CB983

 5AB976

 7FB990

 47B969

 91B99D

 35B95C

 A3B9AA

 22B94F

 B6B9B7

 10B942

 C9B9C4

 00B937

 DBB9D1

 EDB9DE

 FFB9EB

 FFB9F8

# Harmonies

## Analogous

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



99B267



6CB983



30BCA8

# Triad

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



6CB983



71ACF3



EF8F85

# Complementary

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



6CB983



B96CA2

# 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.



EE8BA9



6CB983



AD9FE9

# Square

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



6CB983



16B6E9



D892CE



DE9A69

# Rectangle

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



6CB983



00BCC2



D892CE



F18C91



# Sweetspot

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



6CB983



D3F0DC



A3B96C



67786C



F7F7F7



787878



# Same Dimension

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



6CB983



78F09C



6CB9A8



535C55



009C2E



001C08



# Inverse Universe

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



B96CA2



F078CC



B96C7D



5C5359



9C006D



1C0014



# Previews

## White Background



This preview shows how the Hex color 6CB983 looks on a white background.

## Color Contrast Check

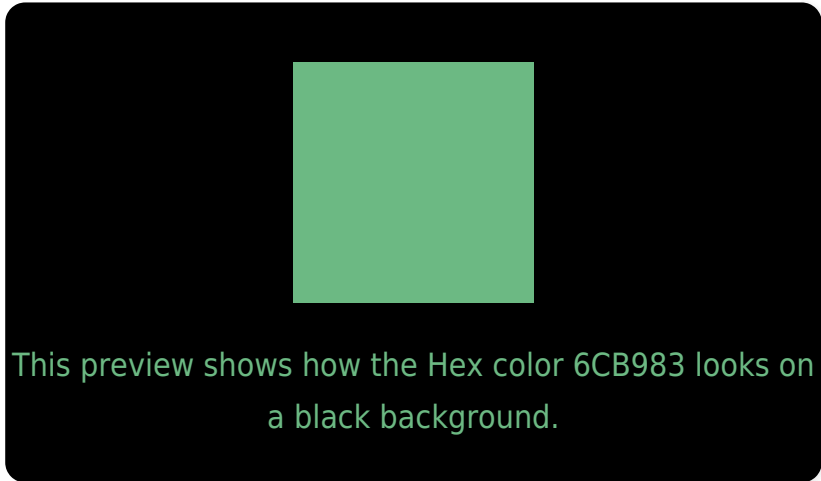
Large Text (above 18pt) WCAG AA × Fail

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

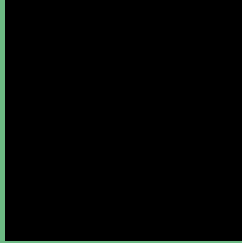
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CB983 Background



This preview shows how black text looks on a background with the Hex color 6CB983.

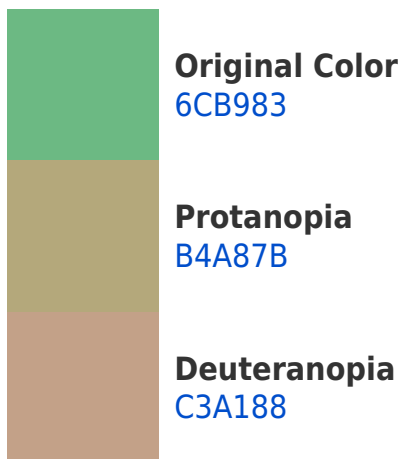


This preview shows how white text looks on a background with the Hex color 6CB983.

# 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](#).

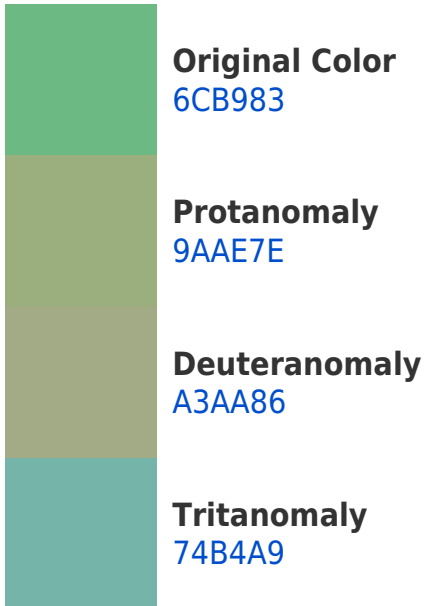
## Dichromacy



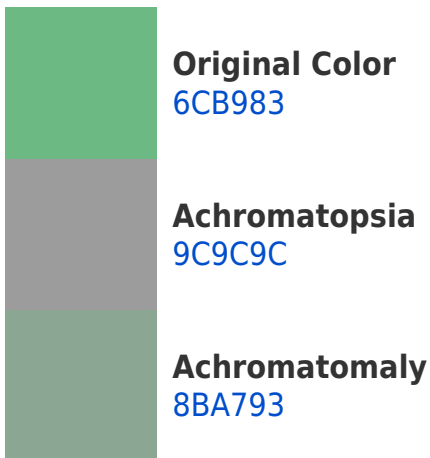


**Tritanopia**  
79B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CB983 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 #6CB983 looks like.

```
.text, #text, p{  
    color:#6CB983  
}
```

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 #6CB983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB983
}
```

## Border

The CSS property to change the border of an element to Hex 6CB983 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
#6CB983 }
```

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

```
.border{ border-color:#6CB983 }
```

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

Here you see how a box with a 4 pixel #6CB983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB983; -webkit-box-shadow:4px 4px  
4px 4px #6CB983; box-shadow:4px 4px 4px  
4px #6CB983 }
```

# Background

The CSS property to change the background color of an element to Hex 6CB983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB983 }
```

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

```
.background{ background-color:#6CB983 }
```

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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