

# Converting Colors

Hex(65AF83)

Have a look what the booklet for  
Hex(65AF83) contains.

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**Color**

**Hex(65AF83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65AF83
RGB	101, 175, 131
RGB Percent	40%, 69%, 51%
CMY	0.6039, 0.3137, 0.4863
CMYK	0.42, 0.00, 0.25, 0.31
HSL	144°, 32%, 54%
HSV	144°, 42%, 69%
XYZ	24.7935, 35.0653, 26.9343
YIQ	147.8580, -29.9800, -29.3720

# Conversions

## Conversions Part 2

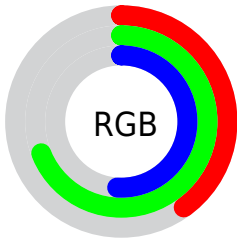
Format	Color
<a href="#">RYB</a>	<a href="#">101, 154, 175</a>
Decimal	<a href="#">6664067</a>
CIELab	<a href="#">65.80, -33.11, 15.49</a>
CIELCh	<a href="#">66, 36.551, 154.935</a>
Yxy	<a href="#">35.0653, 0.2857, 0.4040</a>
Android (android.graphics.Color)	<a href="#">4284854147 (0xFF65AF83)</a>
YUV	<a href="#">147.8580, -8.3110, -41.0945</a>
Hunter-Lab	<a href="#">59.2160, -28.8906, 14.4833</a>

# Details

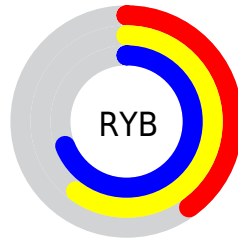
The Hex color **65AF83** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF6591**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9BE7B8**, and **307A51** is the 20% darker color. If you saturate the color by 10%, you get **54AF79**, and if you desaturate by 10%, it is **77AF8D**.

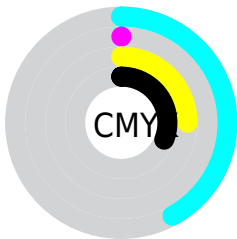
# Distribution



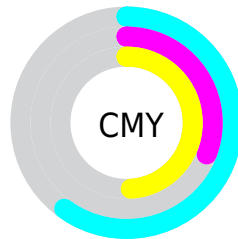
- Red (40%)
- Green (69%)
- Blue (51%)



- Red (40%)
- Yellow (60%)
- Blue (69%)



- Cyan (42%)
- Magenta (0%)
- Yellow (25%)
- Black (31%)



- Cyan (60%)
- Magenta (31%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65AF83 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 65AF83 by changing the saturation by 10% instead.



 65AF83

 65AF83

FFFFFF

 4B946A

 9BE7B8

 307A51

 B7FFD4

 10613A

 D3FFF0

 004824

 F0FFFF

 00310F

 001D00

 000000

 65AF83

 65AF83

 54AF79

 77AF8D

 42AF6E

 88AF98

 31AF64

 9AAFA2

 1FAF59

 ABAFAD

 0EAF4F

 BDAFB7

 00AF47

 CEAFC1

 E0AFCC

 F1AFD6

 FFAFE1

# Harmonies

## Analogous

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



8DA969



65AF83



36B1A4

# Triad

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



65AF83



79A1E1



DD8A7C

# Complementary

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



65AF83



AF6591

# 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.



DE869C



65AF83



AB95D6

# Square

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



65AF83



3DABDA



CE8BBC



CC9465

# Rectangle

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



65AF83



0EB1BA



CE8BBC



DF8886



# Sweetspot

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



65AF83



C5E3D1



91AF65



607368



F2F2F2



737373



# Same Dimension

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



65AF83



6FE39E



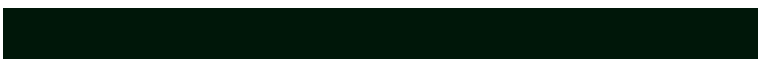
65AFA8



4E5752



00963D



001709



# Inverse Universe

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



AF6591



E36FB4



AF656C



574E53



960059



17000E



# Previews

## White Background



This preview shows how the Hex color 65AF83 looks on a white background.

## Color Contrast Check

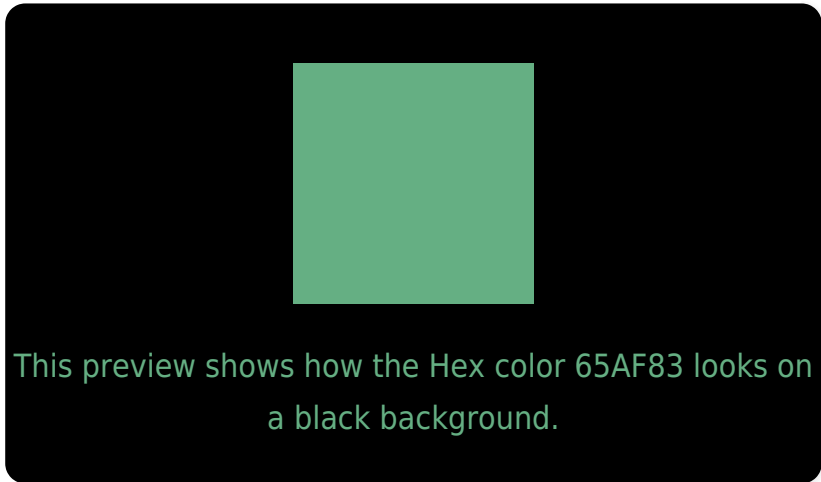
Large Text (above 18pt) WCAG AA × Fail

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

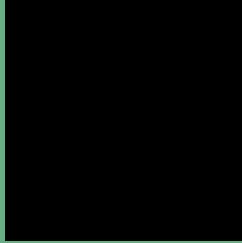
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65AF83 Background



This preview shows how black text looks on a background with the Hex color 65AF83.

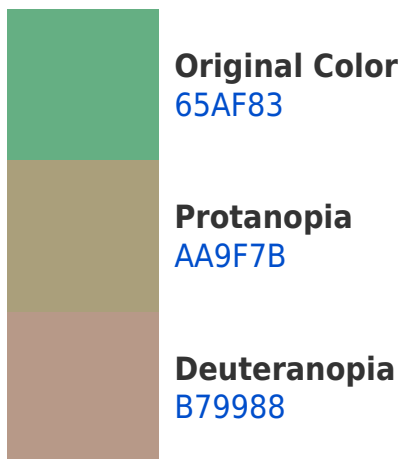


This preview shows how white text looks on a background with the Hex color 65AF83.

# 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](#).

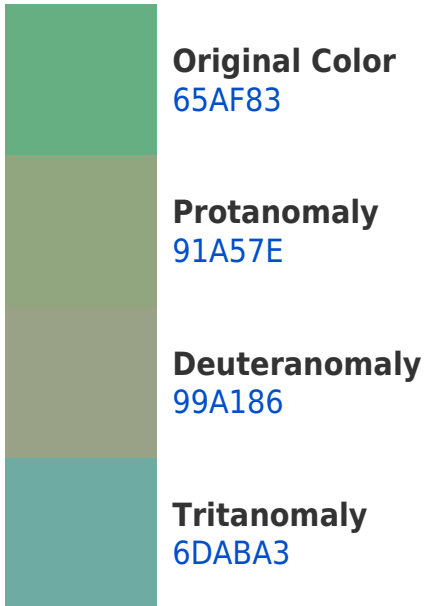
## Dichromacy



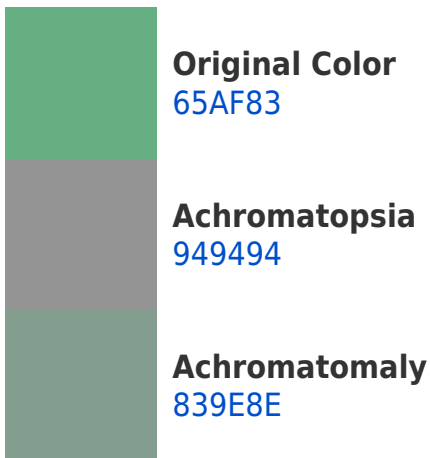


**Tritanopia**  
71A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65AF83 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 #65AF83 looks like.

```
.text, #text, p{  
    color:#65AF83  
}
```

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 #65AF83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65AF83
}
```

## Border

The CSS property to change the border of an element to Hex 65AF83 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
#65AF83 }
```

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

```
.border{ border-color:#65AF83 }
```

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

Here you see how a box with a 4 pixel #65AF83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65AF83; -webkit-box-shadow:4px 4px  
4px 4px #65AF83; box-shadow:4px 4px 4px  
4px #65AF83 }
```

# Background

The CSS property to change the background color of an element to Hex 65AF83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65AF83 }
```

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

```
.background{ background-color:#65AF83 }
```

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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