

# Converting Colors

Hex(67A485)

Have a look what the booklet for  
Hex(67A485) contains.

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# **Color**

**Hex(67A485)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67A485
RGB	103, 164, 133
RGB Percent	40%, 64%, 52%
CMY	0.5961, 0.3569, 0.4784
CMYK	0.37, 0.00, 0.19, 0.36
HSL	150°, 25%, 52%
HSV	150°, 37%, 64%
XYZ	23.1026, 31.1279, 26.9810
YIQ	142.2270, -26.4050, -22.5730

# Conversions

## Conversions Part 2

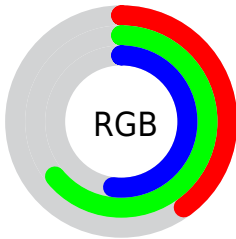
Format	Color
<a href="#">RYB</a>	<a href="#">103, 144, 164</a>
Decimal	<a href="#">6792325</a>
CIELab	<a href="#">62.62, -26.82, 9.92</a>
CIElCh	<a href="#">63, 28.596, 159.696</a>
Yxy	<a href="#">31.1279, 0.2845, 0.3833</a>
Android (android.graphics.Color)	<a href="#">4284982405 (0xFF67A485)</a>
YUV	<a href="#">142.2270, -4.5489, -34.4021</a>
Hunter-Lab	<a href="#">55.7924, -23.7232, 10.3823</a>

# Details

The Hex color **67A485** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A46786**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9CDBBA**, and **347053** is the 20% darker color. If you saturate the color by 10%, you get **57A47D**, and if you desaturate by 10%, it is **77A48D**.

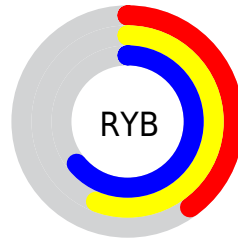
# Distribution



Red (40%)

Green (64%)

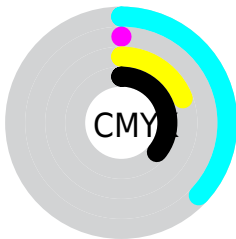
Blue (52%)



Red (40%)

Yellow (56%)

Blue (64%)

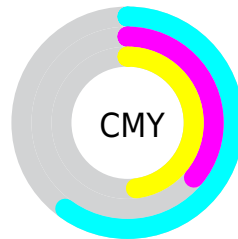


Cyan (37%)

Magenta (0%)

Yellow (19%)

Black (36%)



Cyan (60%)

Magenta (36%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67A485 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 67A485 by changing the saturation by 10% instead.





67A485



67A485

FFFFFF



4D896C



9CDBBA



347053



B8F8D6



19573C



D4FFF2



003F26



F1FFFF



002912



001100



000000



67A485



67A485



57A47D



77A48D

■ 46A474

■ 88A496

■ 36A46C

■ 98A49E

■ 25A464

■ A9A4A6

■ 15A45B

■ B9A4AF

■ 05A453

■ C9A4B7

■ 00A451

■ DAA4BF

■ EAA4C8

■ FBA4D0

# Harmonies

## Analogous

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



85A070



67A485



4CA59F

# Triad

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



67A485



8297C9



C78878

# Complementary

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



67A485



A46786

# 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.



CA8490



67A485



A58EBF

# Square

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



67A485



5C9FC6



BE87AA



B89068

# Rectangle

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



67A485



43A5B0



BE87AA



C98680



# Sweetspot

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



67A485



BFD6CA



87A467



5D6B64



EBEBEB



6B6B6B



# Same Dimension

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



67A485



76D6A5



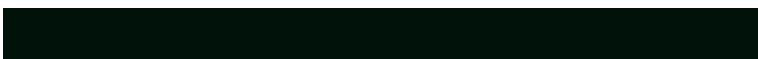
67A4A3



49524D



009147



001209



# Inverse Universe

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



A46786



D676A7



A46768



52494E



91004A



120009



# Previews

## White Background



This preview shows how the Hex color 67A485 looks on a white background.

## Color Contrast Check

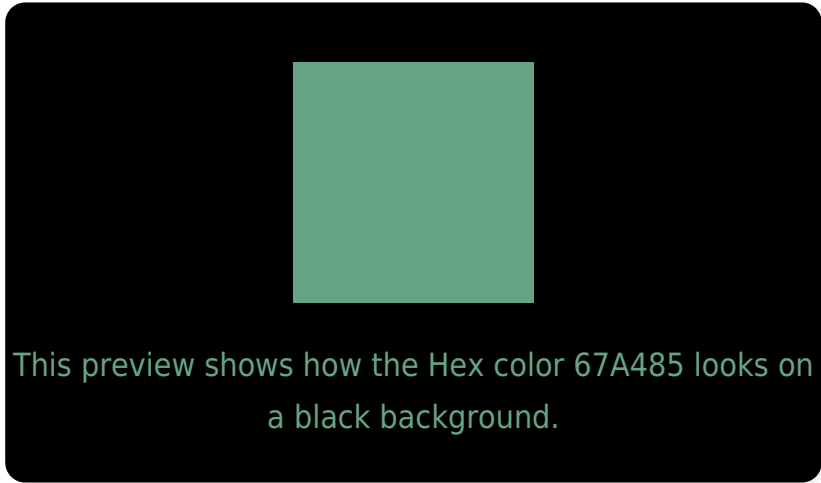
Large Text (above 18pt) WCAG AA × Fail

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

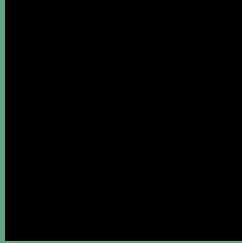
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67A485 Background



This preview shows how black text looks on a background with the Hex color 67A485.

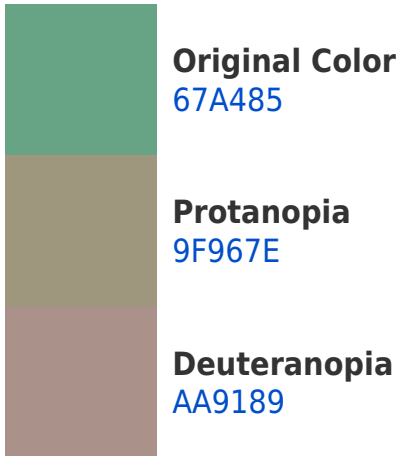


This preview shows how white text looks on a background with the Hex color 67A485.

# 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

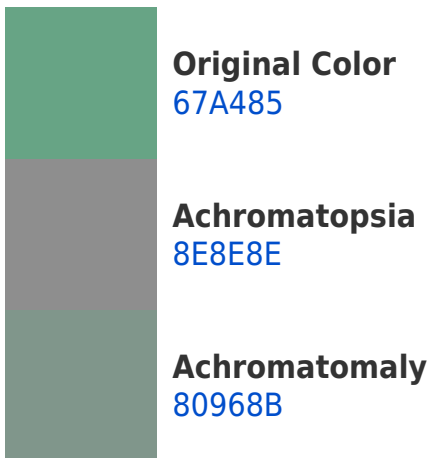




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67A485 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 #67A485 looks like.

```
.text, #text, p{  
    color:#67A485  
}
```

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 #67A485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A485
}
```

## Border

The CSS property to change the border of an element to Hex 67A485 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
#67A485 }
```

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

```
.border{ border-color:#67A485 }
```

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

Here you see how a box with a 4 pixel #67A485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A485; -webkit-box-shadow:4px 4px  
4px 4px #67A485; box-shadow:4px 4px 4px  
4px #67A485 }
```

# Background

The CSS property to change the background color of an element to Hex 67A485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A485 }
```

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

```
.background{ background-color:#67A485 }
```

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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