

Converting Colors

Hex(67A497)

Have a look what the booklet for
Hex(67A497) contains.

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Color

Hex(67A497)

Conversions

Conversions Part 1

Format	Color
Hex	67A497
RGB	103, 164, 151
RGB Percent	40%, 64%, 59%
CMY	0.5961, 0.3569, 0.4078
CMYK	0.37, 0.00, 0.08, 0.36
HSL	167°, 25%, 52%
HSV	167°, 37%, 64%
XYZ	24.4549, 31.6688, 34.1019
YIQ	144.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

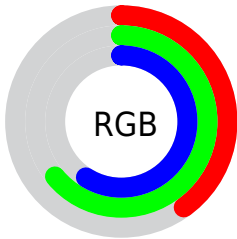
Format	Color
RYB	103, 137, 164
Decimal	6792343
CIELab	63.07, -22.80, 0.50
CIElCh	63, 22.803, 178.737
Yxy	31.6688, 0.2710, 0.3510
Android (android.graphics.Color)	4284982423 (0xFF67A497)
YUV	144.2790, 3.3135, -36.2017
Hunter-Lab	56.2751, -20.9125, 3.4636

Details

The Hex color **67A497** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A46774**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9CDBCD**, and **337064** is the 20% darker color. If you saturate the color by 10%, you get **57A494**, and if you desaturate by 10%, it is **77A49A**.

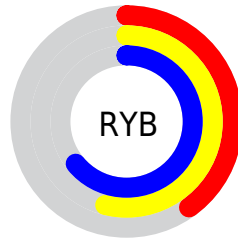
Distribution



Red (40%)

Green (64%)

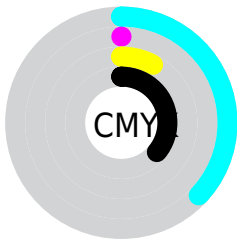
Blue (59%)



Red (40%)

Yellow (54%)

Blue (64%)

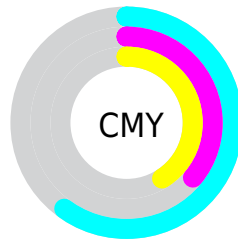


Cyan (37%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (60%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A497 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 67A497 by changing the saturation by 10% instead.



67A497



67A497

FFFFFF



4D8A7D



9CDBCD



337064



B8F8E9



18574C



D4FFFF



004036



F1FFFF



002920



001309



000000



67A497



67A497



57A494



77A49A

■ 46A490

■ 88A49E

■ 36A48D

■ 98A4A1

■ 25A489

■ A9A4A5

■ 15A486

■ B9A4A8

■ 05A482

■ C9A4AC

■ 00A481

■ DAA4AF

■ EAA4B3

■ FBA4B6

Harmonies

Analogous

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



7BA283



67A497



5DA4AB

Triad

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



67A497



9B94BC



B99077

Complementary

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



67A497



A46774

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.



C28B86



67A497



B28DAE

Square

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



67A497



7F9BC1



BF8A9A



A89770

Rectangle

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



67A497



61A2B6



BF8A9A



BD8E7B

Sweetspot

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



67A497



BFD6D1



74A467



5D6B68



EBEBEB



6B6B6B

Same Dimension

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



67A497



76D6C2



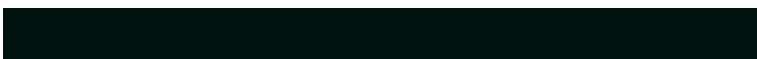
6793A4



495250



009172



00120E

Inverse Universe

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



A46774



D6768A



A47867



52494B



91001F



120004

Previews

White Background



This preview shows how the Hex color 67A497 looks on a white background.

Color Contrast Check

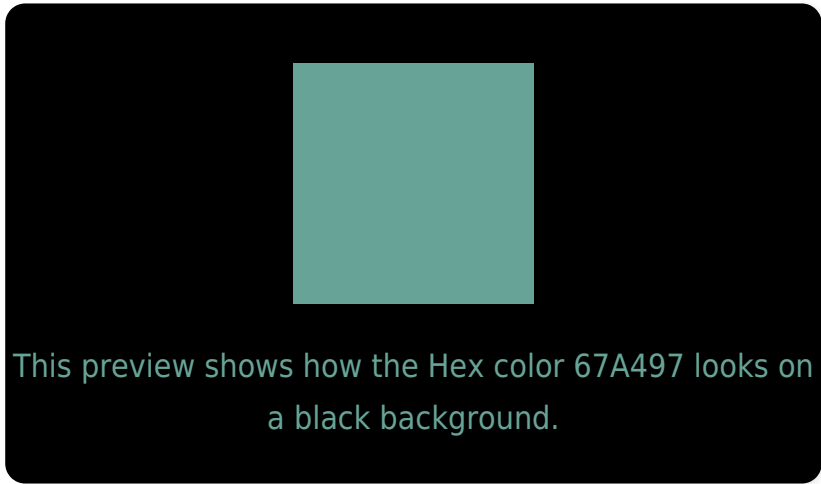
Large Text (above 18pt) WCAG AA × Fail

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

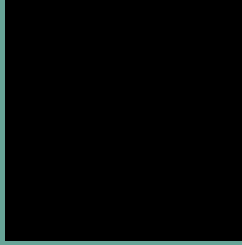
Any Text WCAG AA ✓ Pass

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 67A497 Background



This preview shows how black text looks on a background with the Hex color 67A497.

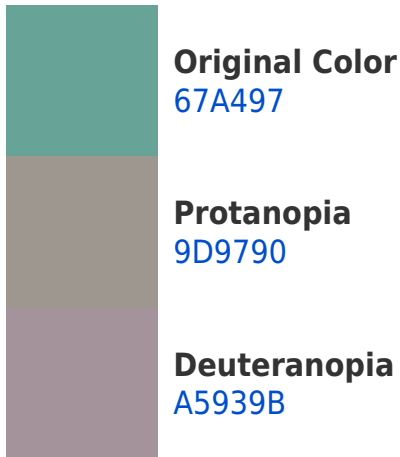


This preview shows how white text looks on a background with the Hex color 67A497.

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](#).

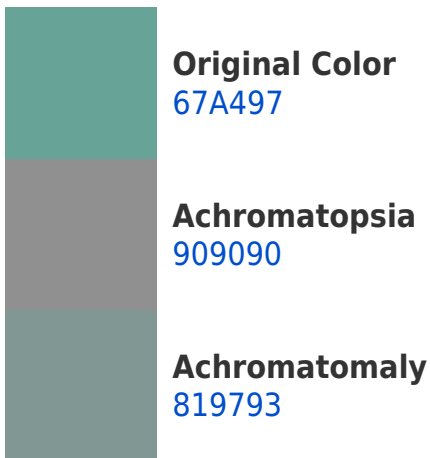
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67A497 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 #67A497 looks like.

```
.text, #text, p{  
    color:#67A497  
}
```

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 #67A497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A497
}
```

Border

The CSS property to change the border of an element to Hex 67A497 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
#67A497 }
```

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

```
.border{ border-color:#67A497 }
```

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

Here you see how a box with a 4 pixel #67A497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A497; -webkit-box-shadow:4px 4px  
4px 4px #67A497; box-shadow:4px 4px 4px  
4px #67A497 }
```

Background

The CSS property to change the background color of an element to Hex 67A497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A497 }
```

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

```
.background{ background-color:#67A497 }
```

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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