

Converting Colors

Hex(66A48F)

Have a look what the booklet for
Hex(66A48F) contains.

Hex(66A48F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66A48F)

Conversions

Conversions Part 1

Format	Color
Hex	66A48F
RGB	102, 164, 143
RGB Percent	40%, 64%, 56%
CMY	0.6000, 0.3569, 0.4392
CMYK	0.38, 0.00, 0.13, 0.36
HSL	160°, 25%, 52%
HSV	160°, 38%, 64%
XYZ	23.7129, 31.3589, 30.7897
YIQ	143.0680, -30.2110, -19.6750

Conversions

Conversions Part 2

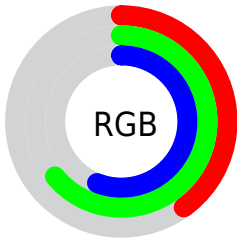
Format	Color
RYB	102, 139, 164
Decimal	6726799
CIELab	62.81, -24.93, 4.60
CIELCh	63, 25.353, 169.536
Yxy	31.3589, 0.2762, 0.3652
Android (android.graphics.Color)	4284916879 (0xFF66A48F)
YUV	143.0680, -0.0335, -36.0166
Hunter-Lab	55.9990, -22.4121, 6.6001

Details

The Hex color **66A48F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A4667B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9BDBC5**, and **32705D** is the 20% darker color. If you saturate the color by 10%, you get **56A489**, and if you desaturate by 10%, it is **76A495**.

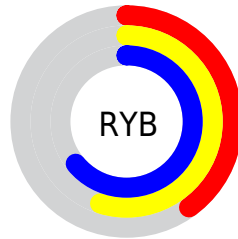
Distribution



Red (40%)

Green (64%)

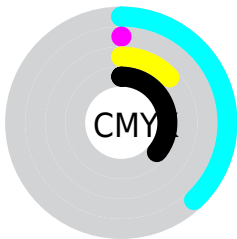
Blue (56%)



Red (40%)

Yellow (55%)

Blue (64%)

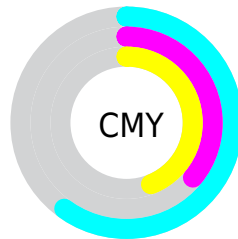


Cyan (38%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (60%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A48F 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 66A48F by changing the saturation by 10% instead.



66A48F



66A48F

FFFFFF



4C8A75



9BDBC5



32705D



B7F8E1



175745



D3FFFD



003F2F



F0FFFF



00291A



001200



000000



66A48F



66A48F



56A489



76A495

■ 45A484

■ 87A49A

■ 35A47E

■ 97A4A0

■ 24A479

■ A8A4A5

■ 14A473

■ B8A4AB

■ 04A46E

■ C8A4B0

■ 00A46C

■ D9A4B6

■ E9A4BB

■ FAA4C1

Harmonies

Analogous

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



7FA17A



66A48F



55A4A6

Triad

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



66A48F



9195C2



BF8D77

Complementary

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



66A48F



A4667B

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.



C6888A



66A48F



AD8DB5

Square

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



66A48F



709CC4



C088A1



AF946C

Rectangle

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



66A48F



54A3B4



C088A1



C38B7C

Sweetspot

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



66A48F



BFD6CE



7CA466



5D6B66



EBEBEB



6B6B6B

Same Dimension

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



66A48F



76D6B6



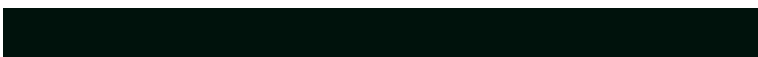
669BA4



49524F



009160



00120C

Inverse Universe

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



A4667B



D67696



A46F66



52494C



910031



120006

Previews

White Background



This preview shows how the Hex color 66A48F looks on a white background.

Color Contrast Check

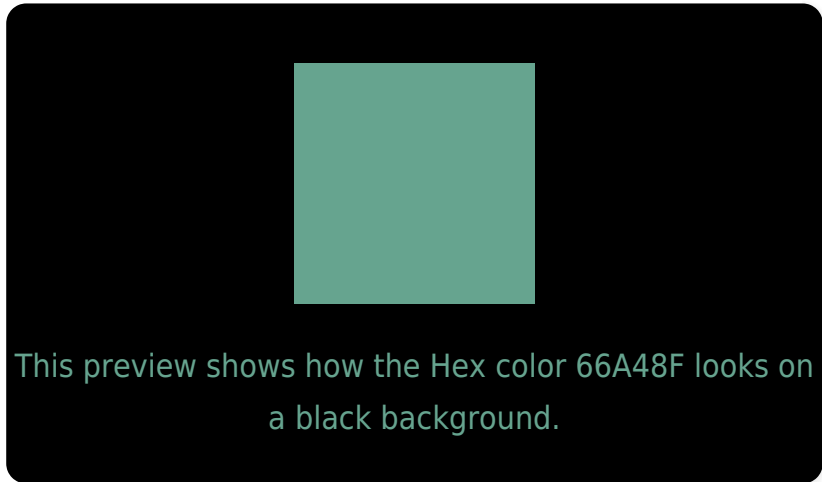
Large Text (above 18pt) WCAG AA × Fail

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

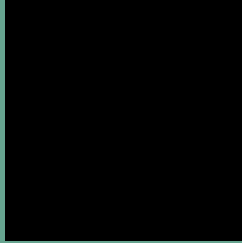
Any Text WCAG AA ✓ Pass

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 66A48F Background



This preview shows how black text looks on a background with the Hex color 66A48F.

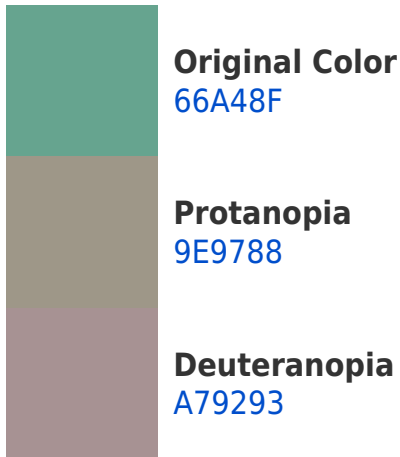


This preview shows how white text looks on a background with the Hex color 66A48F.

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](#).

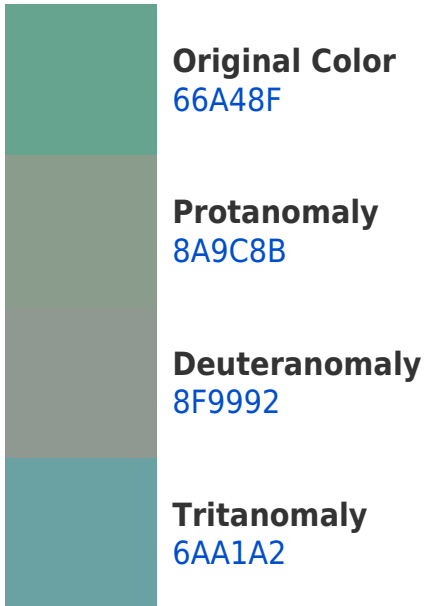
Dichromacy



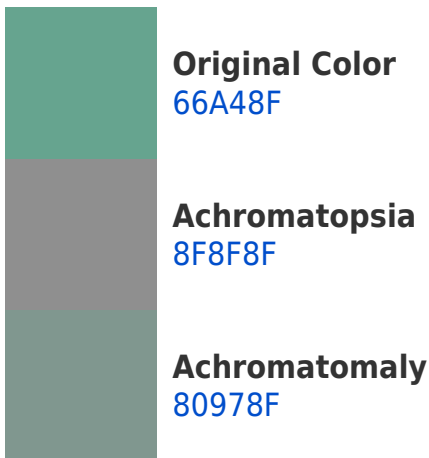


Tritanopia
6DA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66A48F 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 #66A48F looks like.

```
.text, #text, p{  
    color:#66A48F  
}
```

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 #66A48F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A48F
}
```

Border

The CSS property to change the border of an element to Hex 66A48F 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
#66A48F }
```

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

```
.border{ border-color:#66A48F }
```

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

Here you see how a box with a 4 pixel #66A48F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A48F; -webkit-box-shadow:4px 4px  
4px 4px #66A48F; box-shadow:4px 4px 4px  
4px #66A48F }
```

Background

The CSS property to change the background color of an element to Hex 66A48F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A48F }
```

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

```
.background{ background-color:#66A48F }
```

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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