

Converting Colors

Hex(68A17D)

Have a look what the booklet for
Hex(68A17D) contains.

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Color

Hex(68A17D)

Conversions

Conversions Part 1

Format	Color
Hex	68A17D
RGB	104, 161, 125
RGB Percent	41%, 63%, 49%
CMY	0.5922, 0.3686, 0.5098
CMYK	0.35, 0.00, 0.22, 0.37
HSL	142°, 23%, 52%
HSV	142°, 35%, 63%
XYZ	22.1555, 29.9135, 24.0082
YIQ	139.8530, -22.4160, -23.2800

Conversions

Conversions Part 2

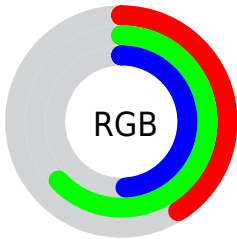
Format	Color
RYB	104, 146, 161
Decimal	6857085
CIELab	61.58, -26.68, 12.93
CIElCh	62, 29.647, 154.140
Yxy	29.9135, 0.2912, 0.3932
Android (android.graphics.Color)	4285047165 (0xFF68A17D)
YUV	139.8530, -7.3225, -31.4431
Hunter-Lab	54.6932, -23.4052, 12.2592

Details

The Hex color **68A17D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A1688C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9DD8B2**, and **356D4C** is the 20% darker color. If you saturate the color by 10%, you get **58A173**, and if you desaturate by 10%, it is **78A187**.

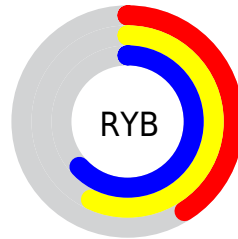
Distribution



Red (41%)

Green (63%)

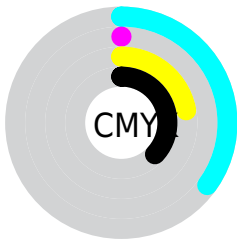
Blue (49%)



Red (41%)

Yellow (57%)

Blue (63%)

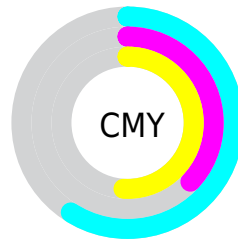


Cyan (35%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (59%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A17D 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 68A17D by changing the saturation by 10% instead.



68A17D



68A17D

FFFFFF



4E8764



9DD8B2



356D4C



B8F5CD



1C5435



D5FFE9



003D20



F1FFFF



002709



000B00



000000



68A17D



68A17D



58A173



78A187

 48A169

 88A191

 38A15E

 98A19C

 28A154

 A8A1A6

 17A14A

 B8A1B0

 07A140

 C9A1BA

 00A13B

 D9A1C4

 E9A1CE

 F9A1D9

Harmonies

Analogous

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



879C69



68A17D



4AA398

Triad

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



68A17D



7796C9



C78479

Complementary

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



68A17D



A1688C

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.



C78192



68A17D



9D8DC0

Square

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



68A17D



4F9EC3



B984AC



BA8B66

Rectangle

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



68A17D



3CA3A9



B984AC



C98281

Sweetspot

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



68A17D



BAD1C3



8CA168



5B6960



E8E8E8



696969

Same Dimension

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



68A17D



79D19A



68A199



49524C



009136



001207

Inverse Universe

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



A1688C



D179B1



A16870



52494F



91005C



12000B

Previews

White Background



This preview shows how the Hex color 68A17D looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

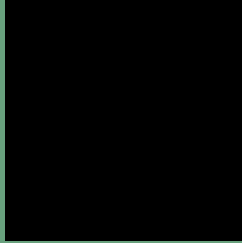
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 68A17D Background



This preview shows how black text looks on a background with the Hex color 68A17D.



This preview shows how white text looks on a background with the Hex color 68A17D.

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



Original Color
68A17D

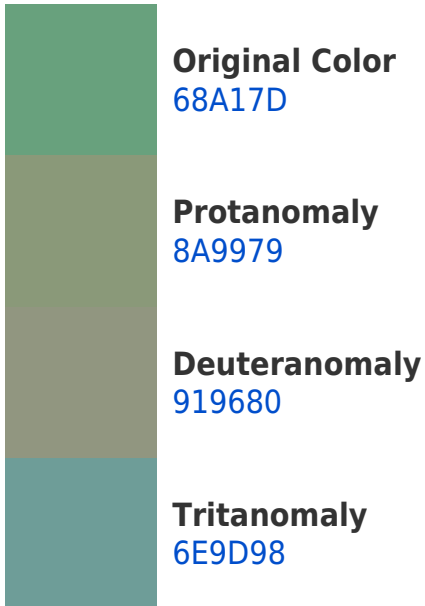
Protanopia
9D9477

Deuteranopia
A98F81

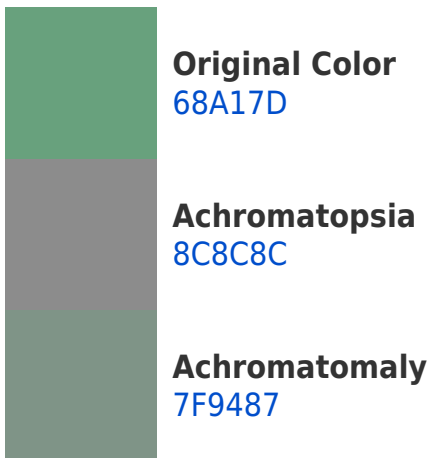


Tritanopia
719BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A17D 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 #68A17D looks like.

```
.text, #text, p{  
    color:#68A17D  
}
```

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 #68A17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A17D
}
```

Border

The CSS property to change the border of an element to Hex 68A17D 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
#68A17D }
```

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

```
.border{ border-color:#68A17D }
```

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

Here you see how a box with a 4 pixel #68A17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A17D; -webkit-box-shadow:4px 4px  
4px 4px #68A17D; box-shadow:4px 4px 4px  
4px #68A17D }
```

Background

The CSS property to change the background color of an element to Hex 68A17D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A17D }
```

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

```
.background{ background-color:#68A17D }
```

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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