

Converting Colors

Hex(66A577)

Have a look what the booklet for
Hex(66A577) contains.

Hex(66A577)	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(66A577)

Conversions

Conversions Part 1

Format	Color
Hex	66A577
RGB	102, 165, 119
RGB Percent	40%, 65%, 47%
CMY	0.6000, 0.3529, 0.5333
CMYK	0.38, 0.00, 0.28, 0.35
HSL	136°, 26%, 52%
HSV	136°, 38%, 65%
XYZ	22.2644, 31.0670, 22.2758
YIQ	140.9190, -22.7820, -27.6620

Conversions

Conversions Part 2

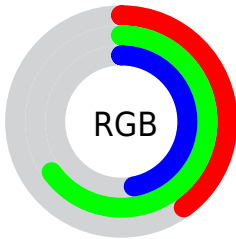
Format	Color
RYB	102, 152, 165
Decimal	6727031
CIELab	62.56, -30.42, 17.61
CIELCh	63, 35.147, 149.936
Yxy	31.0670, 0.2945, 0.4109
Android (android.graphics.Color)	4284917111 (0xFF66A577)
YUV	140.9190, -10.8061, -34.1320
Hunter-Lab	55.7377, -26.2394, 15.3209

Details

The Hex color **66A577** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A56694**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9BDCAB**, and **337146** is the 20% darker color. If you saturate the color by 10%, you get **55A56B**, and if you desaturate by 10%, it is **76A583**.

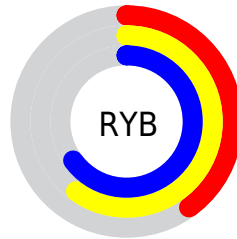
Distribution



Red (40%)

Green (65%)

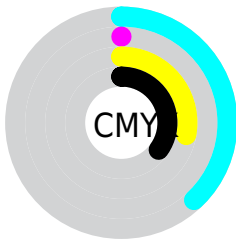
Blue (47%)



Red (40%)

Yellow (60%)

Blue (65%)

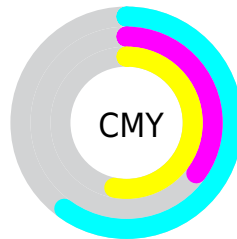


Cyan (38%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (60%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A577 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 66A577 by changing the saturation by 10% instead.



66A577



66A577

FFFFFF



4C8A5E



9BDCAB



337146



B7F9C7



175830



D3FFE3



00401A



F0FFFF



002901



001000



000000



66A577



66A577



55A56B



76A583

 45A55F

 87A58F

 34A553

 97A59B

 24A547

 A8A5A7

 13A53B

 B8A5B3

 03A52F

 C9A5BF

 00A52D

 D9A5CB

 EAA5D7

 FAA5E3

Harmonies

Analogous

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



8B9F60



66A577



3AA896

Triad

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



66A577



699AD5



D3827A

Complementary

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



66A577



A56694

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.



D17F99



66A577



9B8FCD

Square

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



66A577



2FA3CD



BE85B7



C58B62

Rectangle

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



66A577



16A8AB



BE85B7



D48084

Sweetspot

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



66A577



BFD6C5



94A566



5D6B61



EBEBEB



6B6B6B

Same Dimension

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



66A577



74D68E



66A596



49524C



009127



001205

Inverse Universe

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



A56694



D674BC



A56675



52494F



91006A



12000D

Previews

White Background



This preview shows how the Hex color 66A577 looks on a white background.

Color Contrast Check

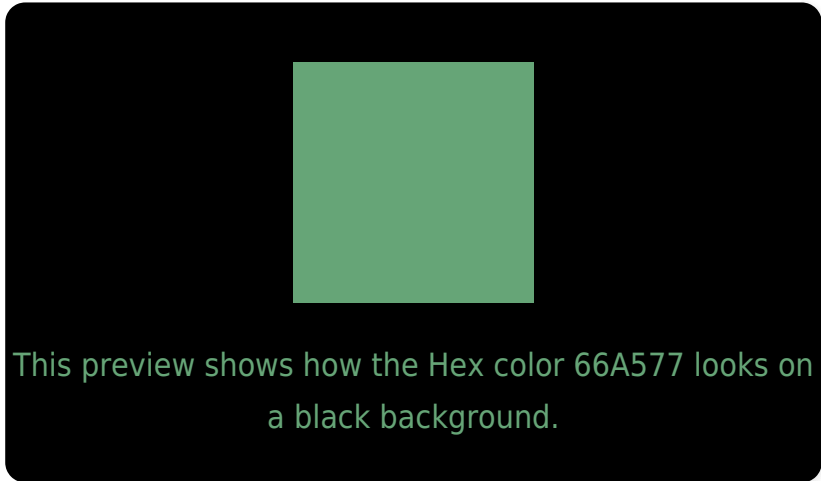
Large Text (above 18pt) WCAG AA × Fail

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

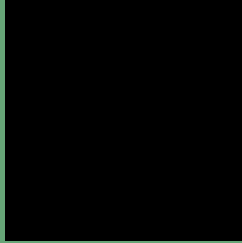
Any Text WCAG AA ✓ Pass

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 66A577 Background



This preview shows how black text looks on a background with the Hex color 66A577.

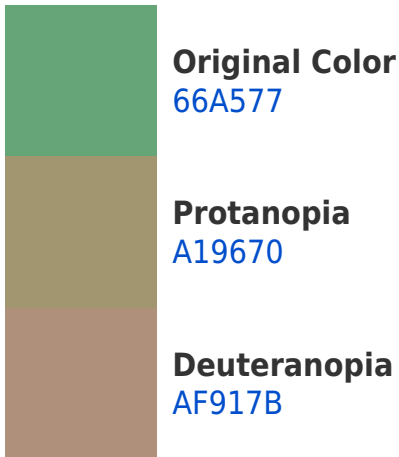


This preview shows how white text looks on a background with the Hex color 66A577.

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](#).

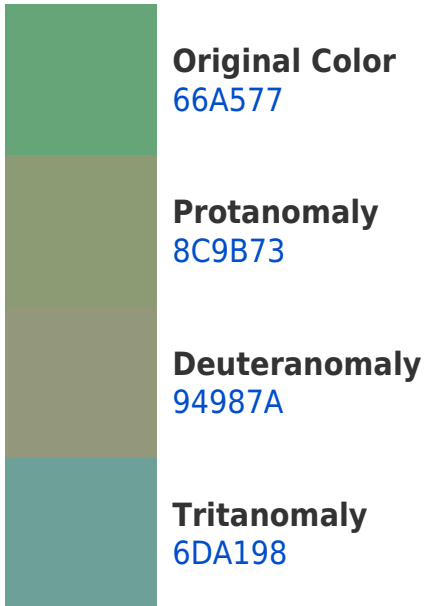
Dichromacy





Tritanopia
719EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66A577 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 #66A577 looks like.

```
.text, #text, p{  
    color:#66A577  
}
```

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 #66A577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A577
}
```

Border

The CSS property to change the border of an element to Hex 66A577 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
#66A577 }
```

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

```
.border{ border-color:#66A577 }
```

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

Here you see how a box with a 4 pixel #66A577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A577; -webkit-box-shadow:4px 4px  
4px 4px #66A577; box-shadow:4px 4px 4px  
4px #66A577 }
```

Background

The CSS property to change the background color of an element to Hex 66A577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A577 }
```

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

```
.background{ background-color:#66A577 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor