

Converting Colors

Hex(60A47B)

Have a look what the booklet for
Hex(60A47B) contains.

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Color

Hex(60A47B)

Conversions

Conversions Part 1

Format	Color
Hex	60A47B
RGB	96, 164, 123
RGB Percent	38%, 64%, 48%
CMY	0.6235, 0.3569, 0.5176
CMYK	0.41, 0.00, 0.25, 0.36
HSL	144°, 27%, 51%
HSV	144°, 41%, 64%
XYZ	21.6745, 30.4678, 23.4774
YIQ	138.9940, -27.3670, -27.1670

Conversions

Conversions Part 2

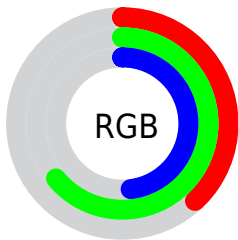
Format	Color
RYB	96, 145, 164
Decimal	6333563
CIELab	62.06, -30.97, 14.65
CIELCh	62, 34.263, 154.688
Yxy	30.4678, 0.2866, 0.4029
Android (android.graphics.Color)	4284523643 (0xFF60A47B)
YUV	138.9940, -7.8850, -37.7057
Hunter-Lab	55.1976, -26.5041, 13.4203

Details

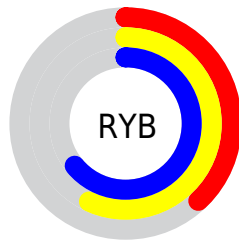
The Hex color **60A47B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A46089**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **95DBB0**, and **2C704A** is the 20% darker color. If you saturate the color by 10%, you get **50A471**, and if you desaturate by 10%, it is **70A485**.

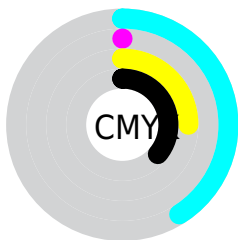
Distribution



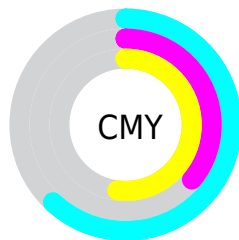
- Red (38%)
- Green (64%)
- Blue (48%)



- Red (38%)
- Yellow (57%)
- Blue (64%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (36%)



- Cyan (62%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60A47B 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 60A47B by changing the saturation by 10% instead.



60A47B



60A47B

FFFFFF



468962



95DBB0



2C704A



B1F8CB



0D5733



CDFFE7



003F1E



EAFFFF



002906



000E00



000000



60A47B



60A47B



50A471



70A485

 3FA467

 81A48F

 2FA45D

 91A499

 1EA453

 A2A4A3

 0EA44A

 B2A4AC

 00A441

 C2A4B6

 D3A4C0

 E3A4CA

 F4A4D4

Harmonies

Analogous

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



859E63



60A47B



36A69A

Triad

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



60A47B



7297D2



CF8275

Complementary

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



60A47B



A46089

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.



D07E92



60A47B



A08CC8

Square

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



60A47B



3CA0CC



C082B1



BF8B60

Rectangle

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



60A47B



18A6AE



C082B1



D1807E

Sweetspot

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



60A47B



BCD6C7



8AA460



5C6B62



EBEBEB



6B6B6B

Same Dimension

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



60A47B



6BD696



60A49C



49524D



00913A



001207

Inverse Universe

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



A46089



D66BAC



A46068



52494E



910058



12000B

Previews

White Background



This preview shows how the Hex color 60A47B looks on a white background.

Color Contrast Check

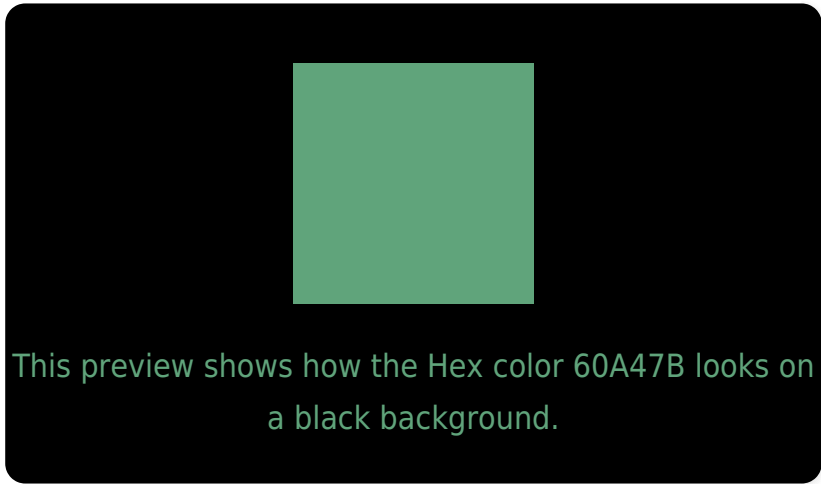
Large Text (above 18pt) WCAG AA × Fail

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

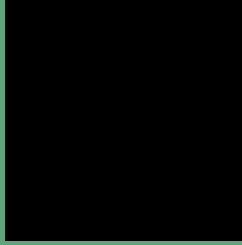
Any Text WCAG AA ✓ Pass

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 60A47B Background



This preview shows how black text looks on a background with the Hex color 60A47B.

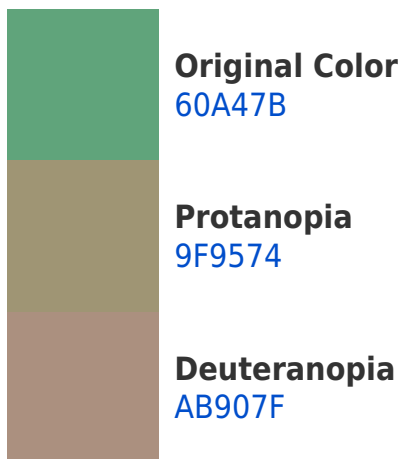


This preview shows how white text looks on a background with the Hex color 60A47B.

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
6B9EAA

Trichromacy



Original Color
60A47B

Protanomaly
889A77

Deuteranomaly
90977E

Tritanomaly
67A099

Monochromacy



Original Color
60A47B

Achromatopsia
8B8B8B

Achromatomaly
7B9485

CSS Examples

Text

The CSS property to change the color of the text to Hex 60A47B 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 #60A47B looks like.

```
.text, #text, p{  
    color:#60A47B  
}
```

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 #60A47B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A47B
}
```

Border

The CSS property to change the border of an element to Hex 60A47B 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
#60A47B }
```

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

```
.border{ border-color:#60A47B }
```

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

Here you see how a box with a 4 pixel #60A47B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A47B; -webkit-box-shadow:4px 4px  
4px 4px #60A47B; box-shadow:4px 4px 4px  
4px #60A47B }
```

Background

The CSS property to change the background color of an element to Hex 60A47B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A47B }
```

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

```
.background{ background-color:#60A47B }
```

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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