

# Converting Colors

Hex(6DA77F)

Have a look what the booklet for  
Hex(6DA77F) contains.

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# **Color**

**Hex(6DA77F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA77F
RGB	109, 167, 127
RGB Percent	43%, 65%, 50%
CMY	0.5725, 0.3451, 0.5020
CMYK	0.35, 0.00, 0.24, 0.35
HSL	139°, 25%, 54%
HSV	139°, 35%, 65%
XYZ	23.9562, 32.4209, 25.0739
YIQ	145.0980, -21.7280, -24.7360

# Conversions

## Conversions Part 2

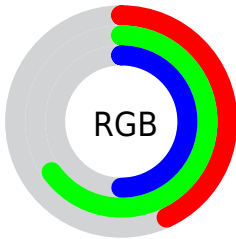
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 153, 167
Decimal	7186303
CIELab	63.69, -27.65, 14.81
CIElCh	64, 31.366, 151.832
Yxy	32.4209, 0.2941, 0.3980
Android (android.graphics.Color)	4285376383 (0xFF6DA77F)
YUV	145.0980, -8.9223, -31.6579
Hunter-Lab	56.9394, -24.5435, 13.7485

# Details

The Hex color **6DA77F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A76D95**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A2DEB4**, and **3A734E** is the 20% darker color. If you saturate the color by 10%, you get **5CA773**, and if you desaturate by 10%, it is **7EA78B**.

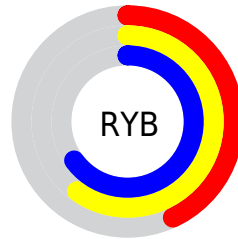
# Distribution



Red (43%)

Green (65%)

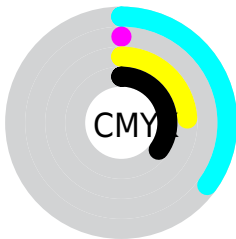
Blue (50%)



Red (43%)

Yellow (60%)

Blue (65%)

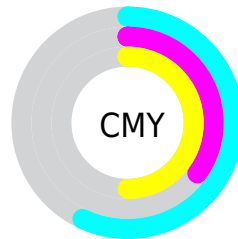


Cyan (35%)

Magenta (0%)

Yellow (24%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA77F 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 6DA77F by changing the saturation by 10% instead.



 6DA77F

 6DA77F

FFFFFF

 538C66

 A2DEB4

 3A734E

 BEFBCF

 215A37

 DAF FEC

 024221

 F7FFFF

 002B0B

 001500

 000000

 6DA77F

 6DA77F

 5CA773

 7EA78B

 4CA768

 8EA796

 3BA75C

 9FA7A2

 2AA751

 B0A7AD

 1AA745

 C0A7B9

 09A73A

 D1A7C4

 00A734

 E2A7D0

 F3A7DB

 FFA7E7

# Harmonies

## Analogous

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



8EA16A



6DA77F



4BA99B

# Triad

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



6DA77F



779CD2



D0887E

# Complementary

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



6DA77F



A76D95

# 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.



CF859A



6DA77F



A092CA

# Square

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



6DA77F



4CA4CB



BF89B5



C38F6A

# Rectangle

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



6DA77F



3AA9AE



BF89B5



D28687



# Sweetspot

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



6DA77F



C3D9CA



96A76D



606E65



EDEDED



6E6E6E



# Same Dimension

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



6DA77F



7ED99A



6DA79B



4C544E



00942E



001406



# Inverse Universe

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



A76D95



D97EBC



A76D79



544C52



940066



14000E



# Previews

## White Background



This preview shows how the Hex color 6DA77F looks on a white background.

## Color Contrast Check

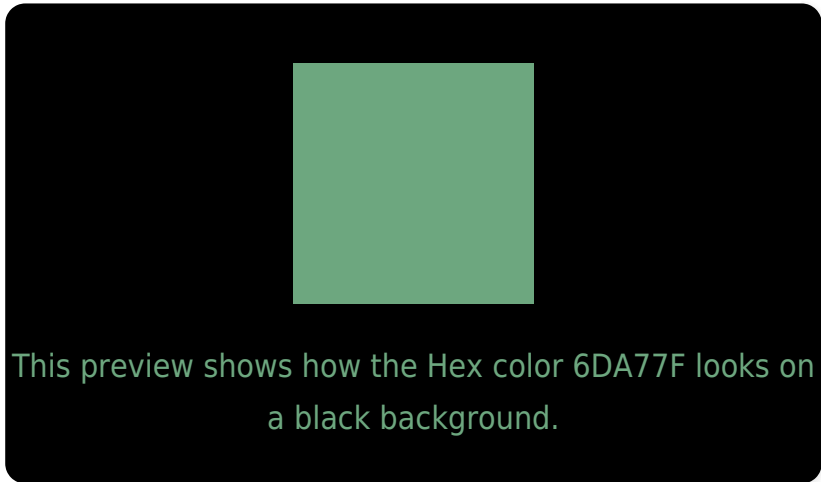
Large Text (above 18pt) WCAG AA × Fail

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

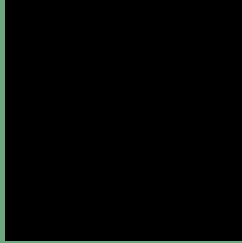
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DA77F Background



This preview shows how black text looks on a background with the Hex color 6DA77F.

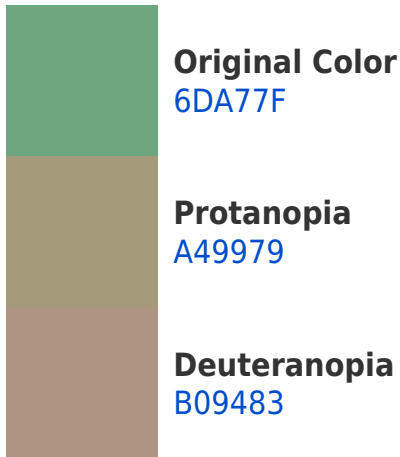


This preview shows how white text looks on a background with the Hex color 6DA77F.

# 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](#).

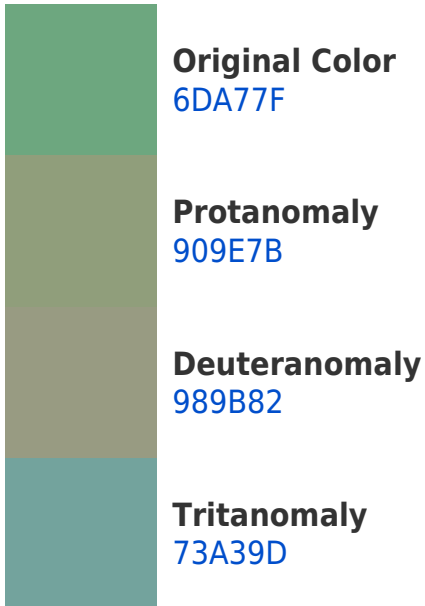
## Dichromacy



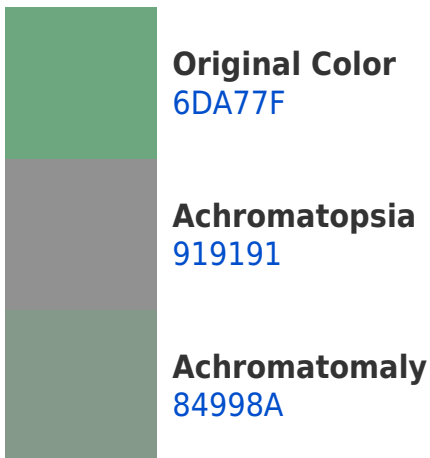


**Tritanopia**  
77A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA77F 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 #6DA77F looks like.

```
.text, #text, p{  
    color:#6DA77F  
}
```

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 #6DA77F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA77F
}
```

## Border

The CSS property to change the border of an element to Hex 6DA77F 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
#6DA77F }
```

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

```
.border{ border-color:#6DA77F }
```

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

Here you see how a box with a 4 pixel #6DA77F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA77F; -webkit-box-shadow:4px 4px  
4px 4px #6DA77F; box-shadow:4px 4px 4px  
4px #6DA77F }
```

# Background

The CSS property to change the background color of an element to Hex 6DA77F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA77F }
```

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

```
.background{ background-color:#6DA77F }
```

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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