

# Converting Colors

Hex(6EA071)

Have a look what the booklet for  
Hex(6EA071) contains.

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# Color

Hex(6EA071)

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA071
RGB	110, 160, 113
RGB Percent	43%, 63%, 44%
CMY	0.5686, 0.3725, 0.5569
CMYK	0.31, 0.00, 0.29, 0.37
HSL	124°, 21%, 53%
HSV	124°, 31%, 63%
XYZ	21.9818, 29.6489, 20.1870
YIQ	139.6920, -14.7130, -25.2170

# Conversions

## Conversions Part 2

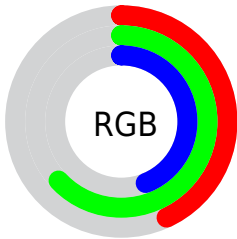
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 157, 160
Decimal	7250033
CIELab	61.35, -26.49, 19.32
CIELCh	61, 32.791, 143.901
Yxy	29.6489, 0.3061, 0.4128
Android (android.graphics.Color)	4285440113 (0xFF6EA071)
YUV	139.6920, -13.1592, -26.0399
Hunter-Lab	54.4508, -23.2282, 16.1344

# Details

The Hex color **6EA071** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A06E9D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A3D7A5**, and **3C6C41** is the 20% darker color. If you saturate the color by 10%, you get **5EA062**, and if you desaturate by 10%, it is **7EA080**.

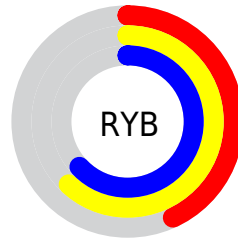
# Distribution



Red (43%)

Green (63%)

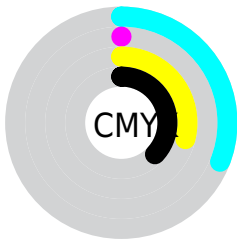
Blue (44%)



Red (43%)

Yellow (62%)

Blue (63%)

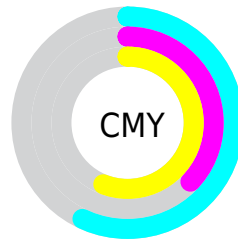


Cyan (31%)

Magenta (0%)

Yellow (29%)

Black (37%)



Cyan (57%)

Magenta (37%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA071 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 6EA071 by changing the saturation by 10% instead.



 6EA071

 6EA071

FFFFFF

 558658

 A3D7A5

 3C6C41

 BEF4C0

 23542A

 DBFFDC

 083C15

 F8FFF9

 002600

 000900

 000000

 6EA071

 6EA071

 5EA062

 7EA080

 4EA053

 8EA08F

 3EA044

 9EA09E

 2EA035

 AEA0AD

 1EA026

 BEA0BC

 0EA017

 CEA0CB

 00A00A

 DEA0DA

 EEA0E9

 FEA0F8

# Harmonies

## Analogous

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



90995E



6EA071



49A38D

# Triad

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



6EA071



6199CD



CD7F7E

# Complementary

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



6EA071



A06E9D

# 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.



C87E9B



6EA071



8F8FC9

# Square

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



6EA071



31A0C2



B385B7



C38666

# Rectangle

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



6EA071



2FA4A1



B385B7



CD7E88



# Sweetspot

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



6EA071



BED1BF



9EA06E



5D695E



E8E8E8



696969



# Same Dimension

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



6EA071



82D186



6EA08A



474F48



008F09



000F01



# Inverse Universe

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



A06E9D



D182CC



A06E84



4F474F



8F0086



0F000E



# Previews

## White Background



This preview shows how the Hex color 6EA071 looks on a white background.

## Color Contrast Check

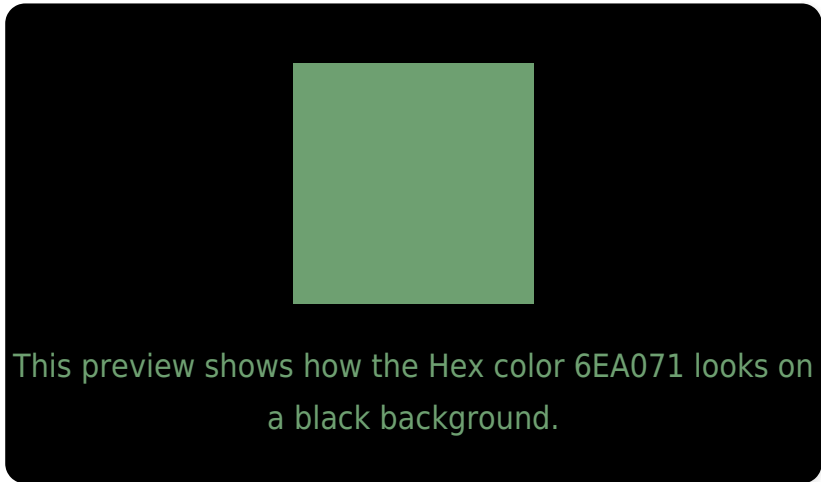
Large Text (above 18pt) WCAG AA ✓ Pass

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

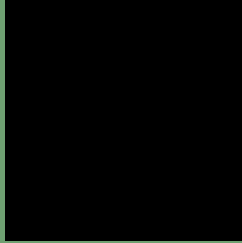
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6EA071 Background



This preview shows how black text looks on a background with the Hex color 6EA071.

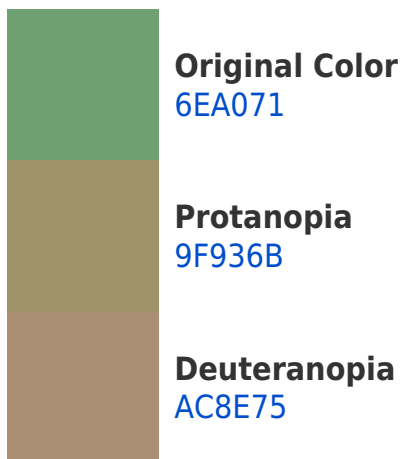


This preview shows how white text looks on a background with the Hex color 6EA071.

# 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](#).

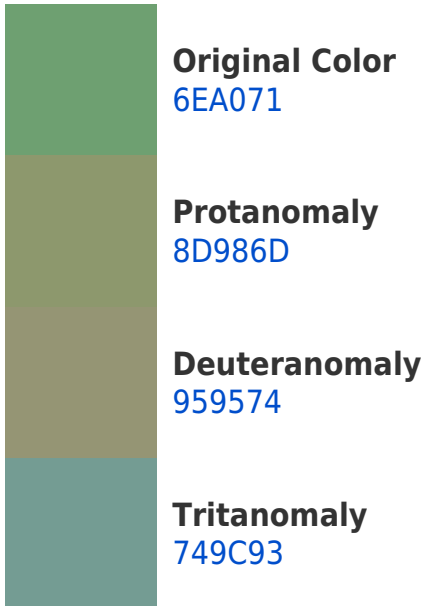
## Dichromacy





**Tritanopia**  
7899A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA071 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 #6EA071 looks like.

```
.text, #text, p{  
    color:#6EA071  
}
```

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 #6EA071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA071
}
```

## Border

The CSS property to change the border of an element to Hex 6EA071 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
#6EA071 }
```

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

```
.border{ border-color:#6EA071 }
```

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

Here you see how a box with a 4 pixel #6EA071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA071; -webkit-box-shadow:4px 4px  
4px 4px #6EA071; box-shadow:4px 4px 4px  
4px #6EA071 }
```

# Background

The CSS property to change the background color of an element to Hex 6EA071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA071 }
```

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

```
.background{ background-color:#6EA071 }
```

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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