

# Converting Colors

Decimal(7121019)

Have a look what the booklet for  
Decimal(7121019) contains.

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# **Color**

**Decimal(7121019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CA87B
RGB	108, 168, 123
RGB Percent	42%, 66%, 48%
CMY	0.5765, 0.3412, 0.5176
CMYK	0.36, 0.00, 0.27, 0.34
HSL	135°, 26%, 54%
HSV	135°, 36%, 66%
XYZ	23.7621, 32.6235, 23.7835
YIQ	144.9300, -21.3150, -26.7150

# Conversions

## Conversions Part 2

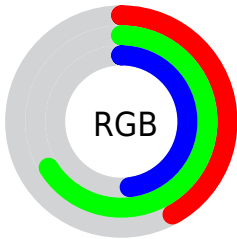
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 156, 168
Decimal	7121019
CIELab	63.85, -29.22, 17.23
CIELCh	64, 33.923, 149.470
Yxy	32.6235, 0.2964, 0.4069
Android (android.graphics.Color)	4285311099 (0xFF6CA87B)
YUV	144.9300, -10.8115, -32.3876
Hunter-Lab	57.1170, -25.6941, 15.2936

# Details

The Decimal color **7121019** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11037849**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **10608816**, and **3765322** is the 20% darker color. If you saturate the color by 10%, you get **6006894**, and if you desaturate by 10%, it is **8235144**.

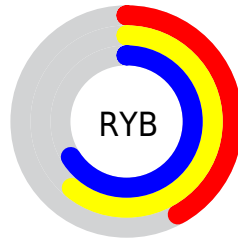
# Distribution



Red (42%)

Green (66%)

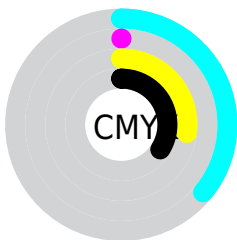
Blue (48%)



Red (42%)

Yellow (61%)

Blue (66%)

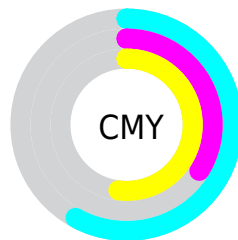


Cyan (36%)

Magenta (0%)

Yellow (27%)

Black (34%)



Cyan (58%)

Magenta (34%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7121019 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 Decimal color 7121019 by changing the saturation by 10% instead.





7121019



7121019

16777215



5410146



10608816



3765322



12451019



2054963



14286823



17181



16187391



11270



5632



0



7121019



7121019



6006894



8235144

 4892770


 9349268

 3844181

 10397857

 2730057

 11511981

 1615932

 12626106

 501807

 13740231

 43050

 14854355

 15902944

 16754924

# Harmonies

## Analogous

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



9478757



7121019



4565913

# Triad

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



7121019



7315159



13993598

# Complementary

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



7121019



11037849

# 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.



13861788



7121019



10326991

# Square

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



7121019



3909326



12618170



13143655

# Rectangle

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



7121019



2861998



12618170



14058632



# Sweetspot

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



7121019



12835785



10070124



6254179



15592941



7237230



# Same Dimension

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



7121019



8248213



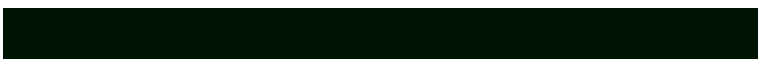
7121049



5002318



37925



5125



# Inverse Universe

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



11037849



14384580



11037819



5524562



9699439



1310735



# Previews

## White Background



This preview shows how the Decimal color 7121019 looks on a white background.

## Color Contrast Check

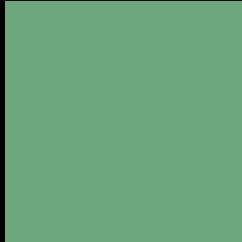
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7121019 looks on a 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](#).



## Decimal 7121019 Background



This preview shows how black text looks on a background with the Decimal color 7121019.



This preview shows how white text looks on a background with the Decimal color 7121019.

# 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**  
7121019

**Protanopia**  
10852980

**Deuteranopia**  
11703423



# Trichromacy



**Original Color**  
7121019

**Protanomaly**  
9478007

**Deuteranomaly**  
10066814

**Tritanomaly**  
7578779

# Monochromacy



**Original Color**  
7121019

**Achromatopsia**  
9539985

**Achromatomaly**  
8690057

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7121019 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 #6CA87B looks like.

```
.text, #text, p{  
    color:#6CA87B  
}
```

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 #6CA87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA87B
}
```

## Border

The CSS property to change the border of an element to Decimal 7121019 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
#6CA87B }
```

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

```
.border{ border-color:#6CA87B }
```

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

Here you see how a box with a 4 pixel #6CA87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA87B; -webkit-box-shadow:4px 4px  
4px 4px #6CA87B; box-shadow:4px 4px 4px  
4px #6CA87B }
```

# Background

The CSS property to change the background color of an element to Decimal 7121019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA87B }
```

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

```
.background{ background-color:#6CA87B }
```

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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