

# Converting Colors

Decimal(7121761)

Have a look what the booklet for  
Decimal(7121761) contains.

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# **Color**

**Decimal(7121761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CAB61
RGB	108, 171, 97
RGB Percent	42%, 67%, 38%
CMY	0.5765, 0.3294, 0.6196
CMYK	0.37, 0.00, 0.43, 0.33
HSL	111°, 31%, 53%
HSV	111°, 43%, 67%
XYZ	22.9049, 33.1770, 16.5059
YIQ	143.7270, -13.7940, -36.3700

# Conversions

## Conversions Part 2

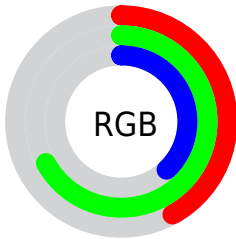
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 171, 160
Decimal	7121761
CIELab	64.30, -34.99, 31.81
CIELCh	64, 47.291, 137.721
Yxy	33.1770, 0.3155, 0.4571
Android (android.graphics.Color)	4285311841 (0xFF6CAB61)
YUV	143.7270, -23.0364, -31.3326
Hunter-Lab	57.5995, -29.8171, 23.3294

# Details

The Decimal color **7121761** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10510763**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **10675093**, and **3700273** is the 20% darker color. If you saturate the color by 10%, you get **6138704**, and if you desaturate by 10%, it is **8104818**.

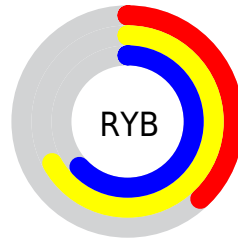
# Distribution



Red (42%)

Green (67%)

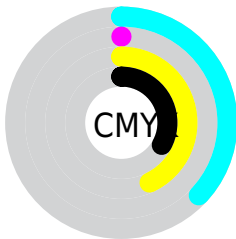
Blue (38%)



Red (38%)

Yellow (67%)

Blue (63%)

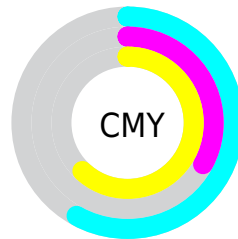


Cyan (37%)

Magenta (0%)

Yellow (43%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7121761 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 7121761 by changing the saturation by 10% instead.





7121761



7121761

16777215



5410888



10675093



3700273



12517296



1858841



14352331



17664



16252904



11776



6144



0



7121761



7121761



6138704



8104818

■ 5221183

■ 9022339

■ 4238126

■ 10005396

■ 3320605

■ 10922917

■ 2337547

■ 11905974

■ 1682176

■ 12823496

■ 13806553

■ 14724074

■ 15707131

# Harmonies

## Analogous

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



10264904



7121761



1814665

# Triad

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



7121761



42478



15497604

# Complementary

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



7121761



10510763

# 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.



14777007



7121761



8624364

# Square

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



7121761



44761



12552149



14713951

# Rectangle

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



7121761



45478



12552149



15431827



# Sweetspot

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



7121761



12967617



11247713



6385758



15790320



7368816



# Same Dimension

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



7121761



8183402



6400891



5199694



1480192



202496



# Inverse Universe

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



10510763



13462238



11231633



5590615



8388758



1310743



# Previews

## White Background



This preview shows how the Decimal color 7121761 looks on a white background.

## Color Contrast Check

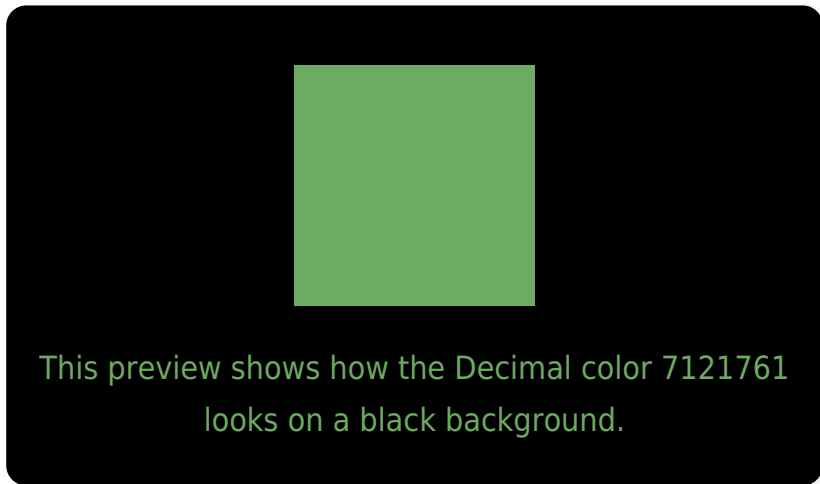
Large Text (above 18pt) WCAG AA × Fail

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

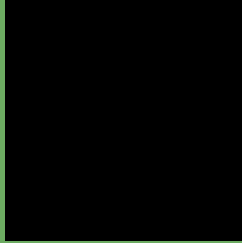
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7121761 Background



This preview shows how black text looks on a background with the Decimal color 7121761.

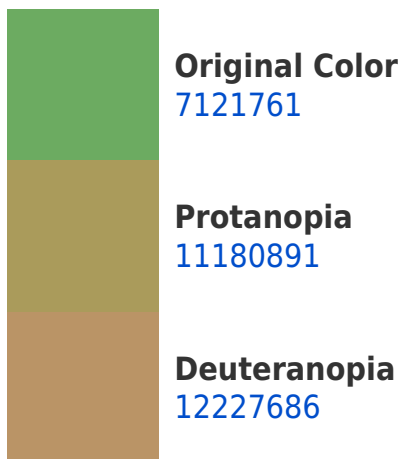


This preview shows how white text looks on a background with the Decimal color 7121761.

# 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](#).

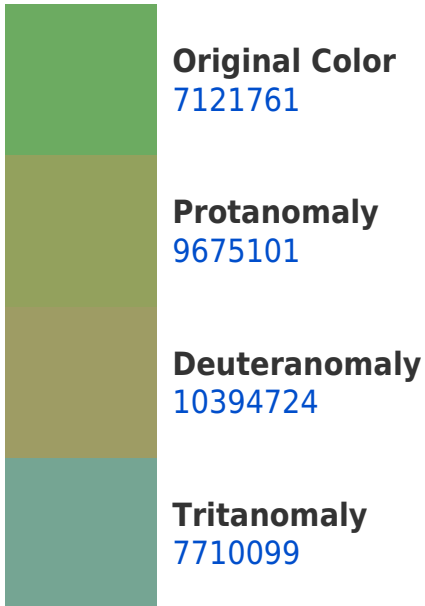
## Dichromacy





**Tritanopia**  
8037039

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7121761 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 #6CAB61 looks like.

```
.text, #text, p{  
    color:#6CAB61  
}
```

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 #6CAB61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAB61  
}
```

## Border

The CSS property to change the border of an element to Decimal 7121761 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  
#6CAB61 }
```

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

```
.border{ border-color:#6CAB61 }
```

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

Here you see how a box with a 4 pixel #6CAB61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAB61; -webkit-box-shadow:4px 4px  
4px 4px #6CAB61; box-shadow:4px 4px 4px  
4px #6CAB61 }
```

# Background

The CSS property to change the background color of an element to Decimal 7121761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAB61 }
```

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

```
.background{ background-color:#6CAB61 }
```

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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