

# Converting Colors

Decimal(7451999)

Have a look what the booklet for  
Decimal(7451999) contains.

<b>Decimal(7451999)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(7451999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71B55F
RGB	113, 181, 95
RGB Percent	44%, 71%, 37%
CMY	0.5569, 0.2902, 0.6275
CMYK	0.38, 0.00, 0.48, 0.29
HSL	107°, 37%, 54%
HSV	107°, 48%, 71%
XYZ	25.3995, 37.3847, 16.7037
YIQ	150.8640, -12.9220, -41.1620

# Conversions

## Conversions Part 2

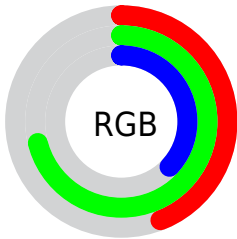
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 181, 163
Decimal	7451999
CIELab	67.56, -38.14, 37.01
CIElCh	68, 53.143, 135.857
Yxy	37.3847, 0.3195, 0.4703
Android (android.graphics.Color)	4285642079 (0xFF71B55F)
YUV	150.8640, -27.5410, -33.2067
Hunter-Lab	61.1430, -32.8494, 26.6026

# Details

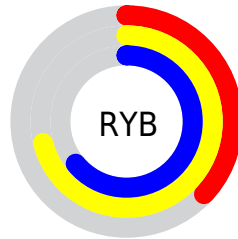
The Decimal color **7451999** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **10706869**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **11070867**, and **3899438** is the 20% darker color. If you saturate the color by 10%, you get **6534477**, and if you desaturate by 10%, it is **8369521**.

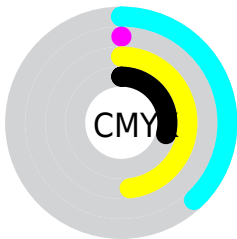
# Distribution



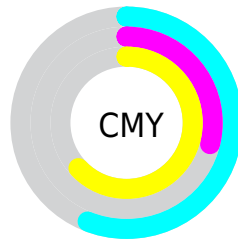
- Red (44%)
- Green (71%)
- Blue (37%)



- Red (37%)
- Yellow (71%)
- Blue (64%)



- Cyan (38%)
- Magenta (0%)
- Yellow (48%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7451999 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 7451999 by changing the saturation by 10% instead.





7451999



7451999

16777215



5675590



11070867



3899438



12910510



2057749



14811082



19712



16711654



13824



8704



0



7451999



7451999



6534477



8369521

■ 5551419

■ 9352579

■ 4633897

■ 10270101

■ 3716375

■ 11187623

■ 2733317

■ 12170682

■ 2536704

■ 13088204

■ 14005726

■ 14923248

■ 15906303

# Harmonies

## Analogous

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



10988099



7451999



48012

# Triad

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



7451999



45311



16678029

# Complementary

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



7451999



10706869

# 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.



15826621



7451999



8430079

# Square

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



7451999



47592



13143784



15894626

# Rectangle

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



7451999



48557



13143784



16612253



# Sweetspot

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



7451999



13757386



11903583



6714721



16119285



7697781



# Same Dimension

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



7451999



8514405



6272375



5396816



2136320



334336



# Inverse Universe

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



10706869



13592043



11886493



5722201



7930009



1310746



# Previews

## White Background



This preview shows how the Decimal color 7451999 looks on a white background.

## Color Contrast Check

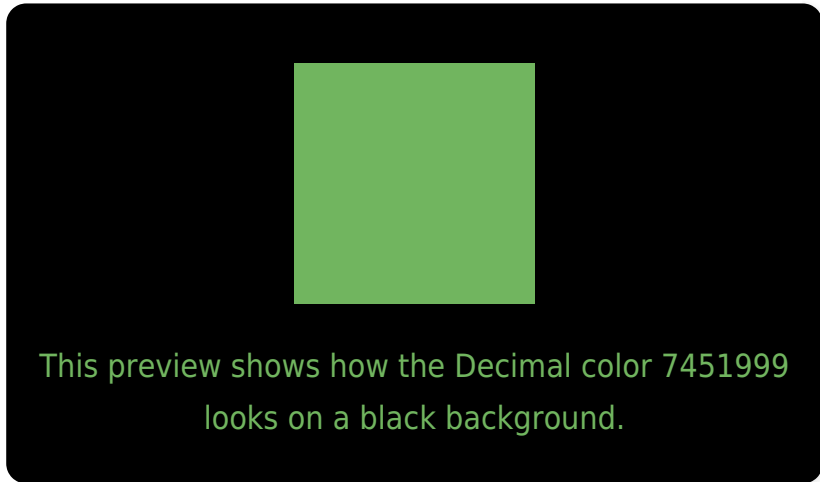
Large Text (above 18pt) WCAG AA × Fail

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

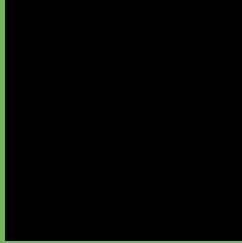
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7451999 Background



This preview shows how black text looks on a background with the Decimal color 7451999.




This preview shows how white text looks on a background with the Decimal color 7451999.

# 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](#).

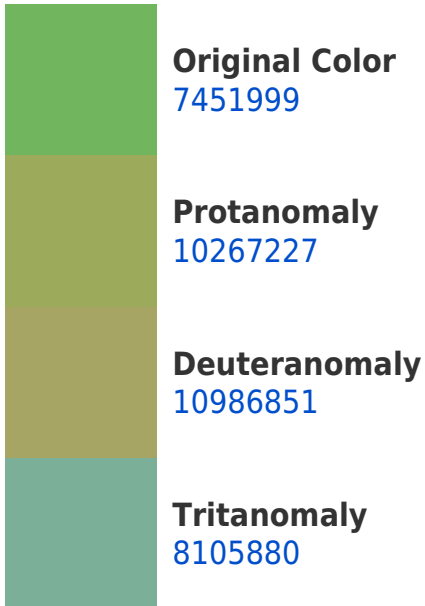
## Dichromacy





**Tritanopia**  
8498105

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7451999 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 #71B55F looks like.

```
.text, #text, p{  
    color:#71B55F  
}
```

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 #71B55F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B55F
}
```

## Border

The CSS property to change the border of an element to Decimal 7451999 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
#71B55F }
```

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

```
.border{ border-color:#71B55F }
```

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

Here you see how a box with a 4 pixel #71B55F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B55F; -webkit-box-shadow:4px 4px  
4px 4px #71B55F; box-shadow:4px 4px 4px  
4px #71B55F }
```

# Background

The CSS property to change the background color of an element to Decimal 7451999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B55F }
```

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

```
.background{ background-color:#71B55F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor