

# Converting Colors

Decimal(7848012)

Have a look what the booklet for  
Decimal(7848012) contains.

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**Color**

**Decimal(7848012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77C04C
RGB	119, 192, 76
RGB Percent	47%, 75%, 30%
CMY	0.5333, 0.2471, 0.7020
CMYK	0.38, 0.00, 0.60, 0.25
HSL	98°, 48%, 53%
HSV	98°, 60%, 75%
XYZ	27.7619, 42.1430, 13.5087
YIQ	156.9490, -6.2720, -51.5520

# Conversions

## Conversions Part 2

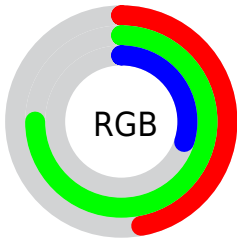
Format	Color
<a href="#">RYB</a>	<a href="#">76, 192, 149</a>
Decimal	<a href="#">7848012</a>
CIELab	<a href="#">70.97, -43.12, 50.20</a>
CIELCh	<a href="#">71, 66.175, 130.664</a>
Yxy	<a href="#">42.1430, 0.3328, 0.5052</a>
Android (android.graphics.Color)	<a href="#">4286038092 (0xFF77C04C)</a>
YUV	<a href="#">156.9490, -39.9079, -33.2813</a>
Hunter-Lab	<a href="#">64.9177, -37.2708, 33.1047</a>

# Details

The Decimal color **7848012** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **9784512**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **11532673**, and **4164116** is the 20% darker color. If you saturate the color by 10%, you get **7061561**, and if you desaturate by 10%, it is **8634463**.

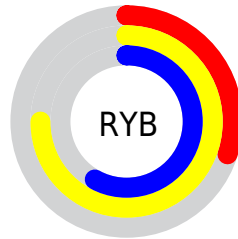
# Distribution



Red (47%)

Green (75%)

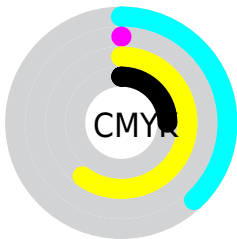
Blue (30%)



Red (30%)

Yellow (75%)

Blue (58%)

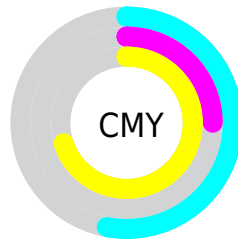


Cyan (38%)

Magenta (0%)

Yellow (60%)

Black (25%)



Cyan (53%)

Magenta (25%)

Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 7848012 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 7848012 by changing the saturation by 10% instead.



 7848012

 7848012

16777215

 6006066

 11532673

 4164116

 13434780

 2125824

 15335352

 22272

 16777172

 16128

 16777201

 10496

 1792

 0

 7848012

 7848012

■ 7061561

■ 8634463

■ 6275110

■ 9420914

■ 5488658

■ 10207366

■ 4702208

■ 10993817

■ 11780268

■ 12566719

■ 13418706

■ 14205158

■ 14991609

# Harmonies

## Analogous

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



12169769



7848012



51332

# Triad

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



7848012



49151



16741787

# Complementary

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



7848012



9784512

# 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.



16743639



7848012



6073855

# Square

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



7848012



51451



13473023



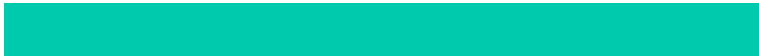
16745570

# Rectangle

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



7848012



51885



13473023



16741807

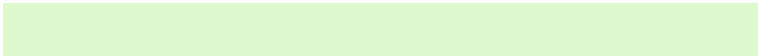


# Sweetspot

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



7848012



14613197



12620876



7109985



16579836



8224125



# Same Dimension

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



7848012



8911427



5029978



5988695



3973376



794880



# Inverse Universe

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



9784512



11944954



12602546



6117217



6619297



1376289



# Previews

## White Background



This preview shows how the Decimal color 7848012 looks on a white background.

## Color Contrast Check

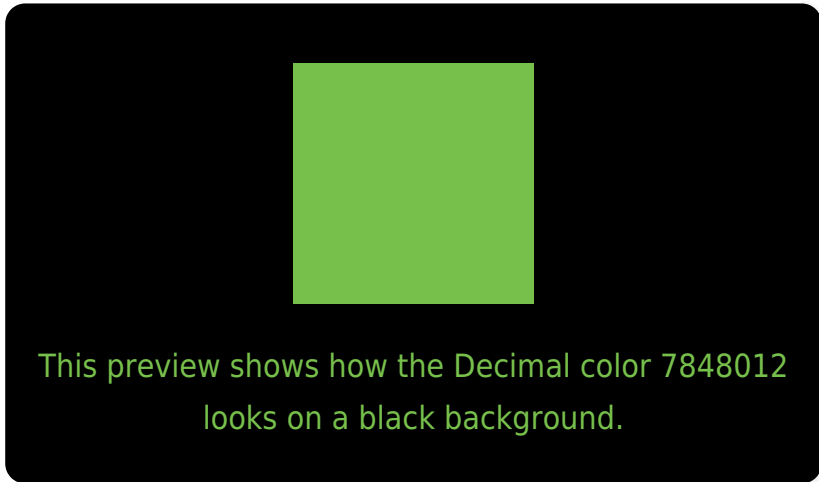
Large Text (above 18pt) WCAG AA × Fail

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 7848012 Background



This preview shows how black text looks on a background with the Decimal color 7848012.

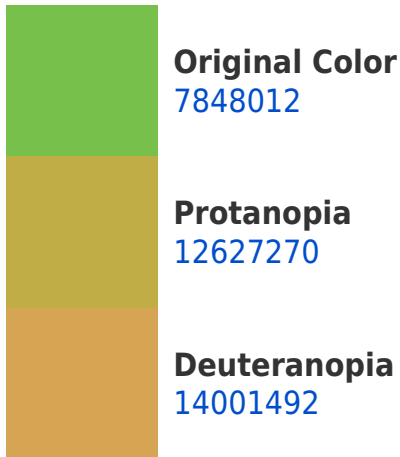


This preview shows how white text looks on a background with the Decimal color 7848012.

# 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](#).

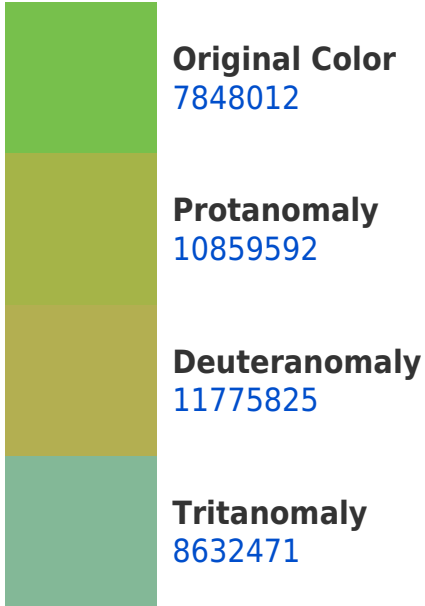
## Dichromacy



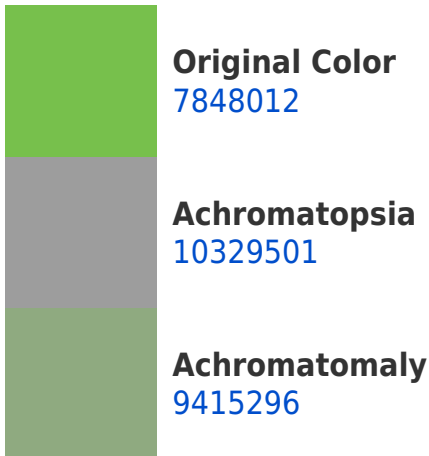


**Tritanopia**  
9090242

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7848012 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 #77C04C looks like.

```
.text, #text, p{  
    color:#77C04C  
}
```

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 #77C04C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C04C
}
```

## Border

The CSS property to change the border of an element to Decimal 7848012 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
#77C04C }
```

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

```
.border{ border-color:#77C04C }
```

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

Here you see how a box with a 4 pixel #77C04C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C04C; -webkit-box-shadow:4px 4px  
4px 4px #77C04C; box-shadow:4px 4px 4px  
4px #77C04C }
```

# Background

The CSS property to change the background color of an element to Decimal 7848012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C04C }
```

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

```
.background{ background-color:#77C04C }
```

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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