

# Converting Colors

Decimal(7511371)

Have a look what the booklet for  
Decimal(7511371) contains.

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**Color**

**Decimal(7511371)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729D4B
RGB	114, 157, 75
RGB Percent	45%, 62%, 29%
CMY	0.5529, 0.3843, 0.7059
CMYK	0.27, 0.00, 0.52, 0.38
HSL	91°, 35%, 45%
HSV	91°, 52%, 62%
XYZ	20.2664, 28.1993, 11.0315
YIQ	134.7950, 0.6940, -34.6180

# Conversions

## Conversions Part 2

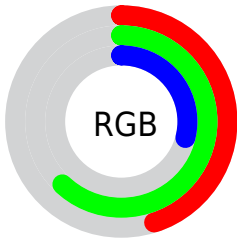
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 157, 118
Decimal	7511371
CIELab	60.07, -29.17, 37.92
CIElCh	60, 47.839, 127.574
Yxy	28.1993, 0.3406, 0.4740
Android (android.graphics.Color)	4285701451 (0xFF729D4B)
YUV	134.7950, -29.4789, -18.2372
Hunter-Lab	53.1031, -24.8071, 24.8554

# Details

The Decimal color **7511371** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7752605**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **11064446**, and **4155674** is the 20% darker color. If you saturate the color by 10%, you get **6987067**, and if you desaturate by 10%, it is **8035675**.

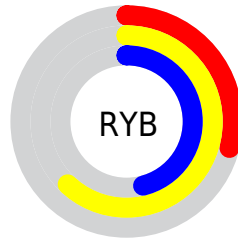
# Distribution



Red (45%)

Green (62%)

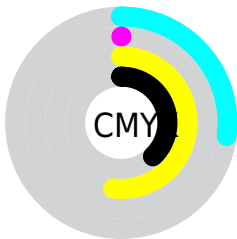
Blue (29%)



Red (29%)

Yellow (62%)

Blue (46%)

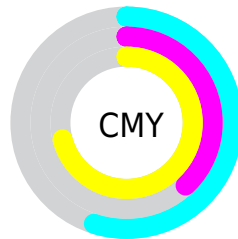


Cyan (27%)

Magenta (0%)

Yellow (52%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7511371 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 7511371 by changing the saturation by 10% instead.



 7511371

 7511371

16777215

 5800755

 11064446

 4155674

 12906648

 2445568

 14745524

 735488

 16646095

 9216

 16777196

 0

 7511371

 7511371

 6987067

 8035675

 6462764

 8559978

■ 5872924

■ 9149818

■ 5348620

■ 9674122

■ 4955392

■ 10198426

■ 10722729

■ 11312569

■ 11836873

■ 12361176

# Harmonies

## Analogous

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



10457657



7511371



3253359

# Triad

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



7511371



40670



14642312

# Complementary

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



7511371



7752605

# 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.



13464242



7511371



5870308

# Square

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



7511371



42179



10650068



14316640

# Rectangle

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



7511371



42636



10650068



14445974



# Sweetspot

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



7511371



12307627



10319179



6055507



15132390



6710886



# Same Dimension

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



7511371



9030731



4955468



4935495



4493056



462592



# Inverse Universe

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



7752605



9391052



10308508



4933455



4915343



524303



# Previews

## White Background



This preview shows how the Decimal color 7511371 looks on a white background.

## Color Contrast Check

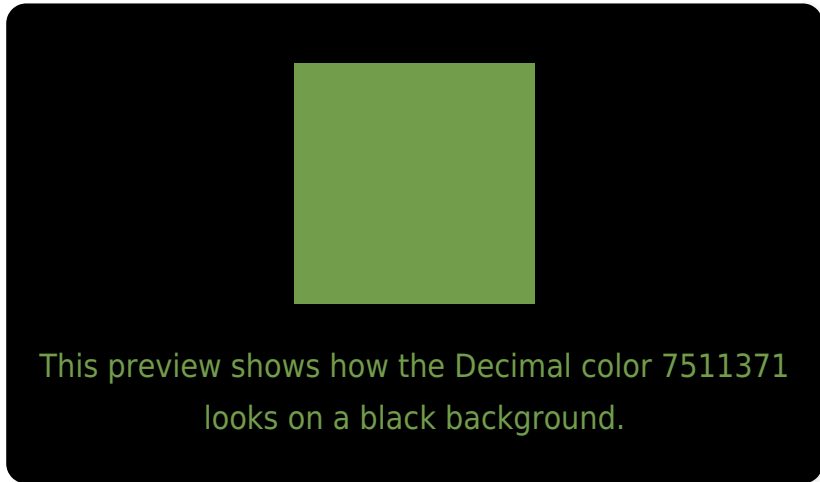
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 7511371 Background



This preview shows how black text looks on a background with the Decimal color 7511371.



This preview shows how white text looks on a background with the Decimal color 7511371.

# 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



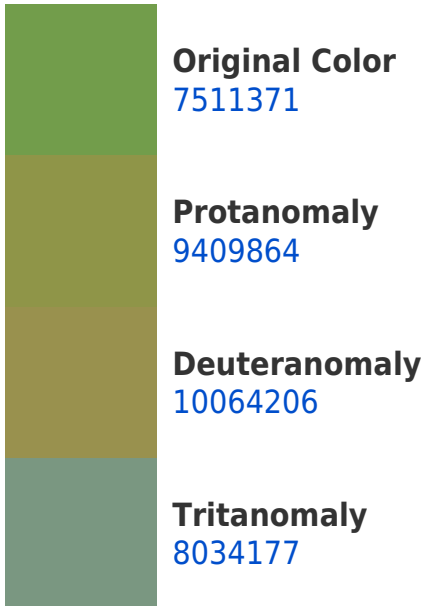
**Original Color**  
7511371

**Protanopia**  
10522695

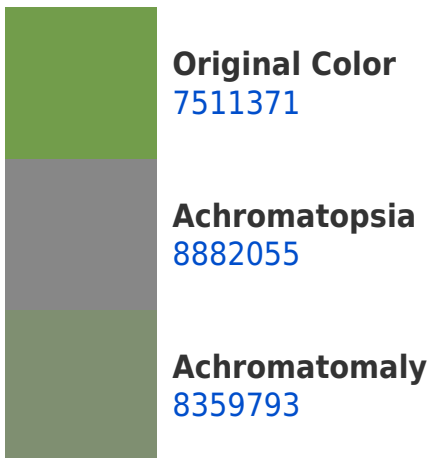
**Deuteranopia**  
11569744



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7511371 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 #729D4B looks like.

```
.text, #text, p{  
    color:#729D4B  
}
```

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 #729D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729D4B
}
```

## Border

The CSS property to change the border of an element to Decimal 7511371 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
#729D4B }
```

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

```
.border{ border-color:#729D4B }
```

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

Here you see how a box with a 4 pixel #729D4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729D4B; -webkit-box-shadow:4px 4px  
4px 4px #729D4B; box-shadow:4px 4px 4px  
4px #729D4B }
```

# Background

The CSS property to change the background color of an element to Decimal 7511371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729D4B }
```

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

```
.background{ background-color:#729D4B }
```

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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