

# Converting Colors

Decimal(4688991)

Have a look what the booklet for  
Decimal(4688991) contains.

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# Color

**Decimal(4688991)**

# Conversions

## Conversions Part 1

Format	Color
Hex	478C5F
RGB	71, 140, 95
RGB Percent	28%, 55%, 37%
CMY	0.7216, 0.4510, 0.6275
CMYK	0.49, 0.00, 0.32, 0.45
HSL	141°, 33%, 41%
HSV	141°, 49%, 55%
XYZ	14.0422, 20.9220, 14.1247
YIQ	114.2390, -26.6790, -28.6230

# Conversions

## Conversions Part 2

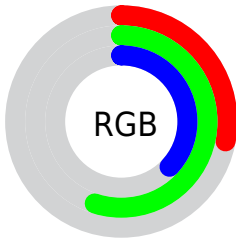
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 122, 140
Decimal	4688991
CIELab	52.86, -32.50, 17.49
CIElCh	53, 36.910, 151.720
Yxy	20.9220, 0.2861, 0.4262
Android (android.graphics.Color)	4282879071 (0xFF478C5F)
YUV	114.2390, -9.4848, -37.9206
Hunter-Lab	45.7406, -25.2472, 13.7096

# Details

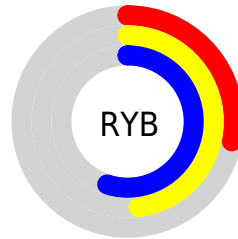
The Decimal color **4688991** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9193332**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **8176274**, and **874800** is the 20% darker color. If you saturate the color by 10%, you get **3771478**, and if you desaturate by 10%, it is **5606504**.

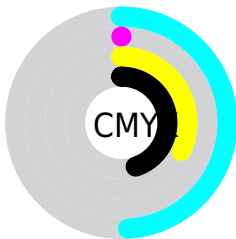
# Distribution



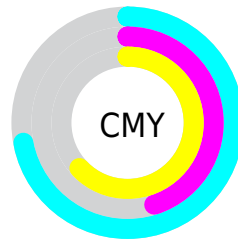
- Red (28%)
- Green (55%)
- Blue (37%)



- Red (28%)
- Yellow (48%)
- Blue (55%)



- Cyan (49%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)



- Cyan (72%)
- Magenta (45%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4688991 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 4688991 by changing the saturation by 10% instead.





4688991



4688991

16777215



2912839



8176274



874800



9952940



16667



11729864



10754



13631460



4608



15466495



0



4688991



4688991



3771478



5606504



2853965



6524017

■ 1936452

■ 7441530

■ 1018938

■ 8359044

■ 101425

■ 9276557

■ 35889

■ 10194070

■ 11111583

■ 12029096

■ 12946609

# Harmonies

## Analogous

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



7308871



4688991



36735

# Triad

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



4688991



5079485



12150879

# Complementary

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



4688991



9193332

# 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.



12149886



4688991



8615348

# Square

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



4688991



35253



10971805



11170375

# Rectangle

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



4688991



36501



10971805



12281448



# Sweetspot

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



4688991



10139043



7703623



4938833



14408667



6052956



# Same Dimension

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



4688991



4896111



4689025



4080960



34094



1282



# Inverse Universe

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



9193332



11881104



9193299



4537922



8716374



327683



# Previews

## White Background



This preview shows how the Decimal color 4688991 looks on a white background.

## Color Contrast Check

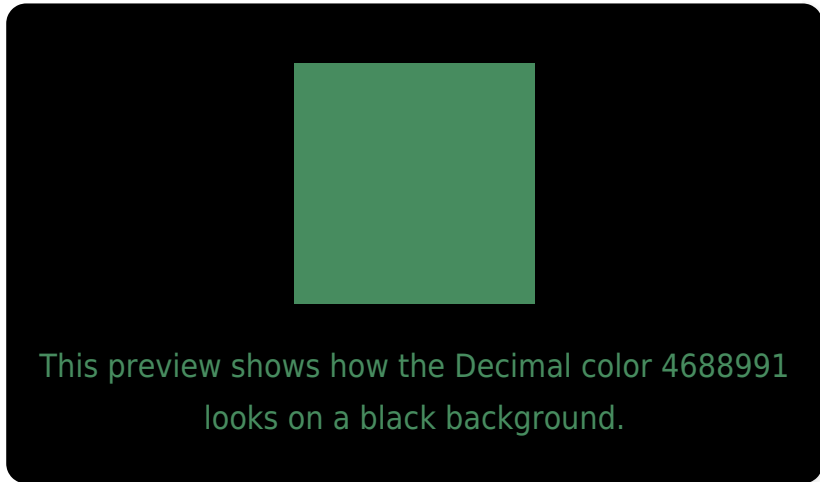
Large Text (above 18pt) WCAG AA ✓ Pass

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

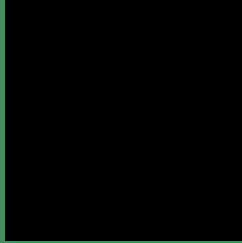
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4688991 Background



This preview shows how black text looks on a background with the Decimal color 4688991.

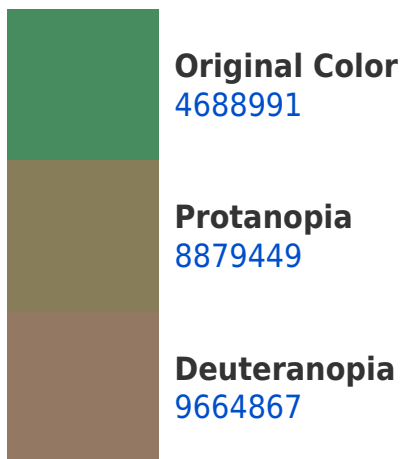


This preview shows how white text looks on a background with the Decimal color 4688991.

# 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



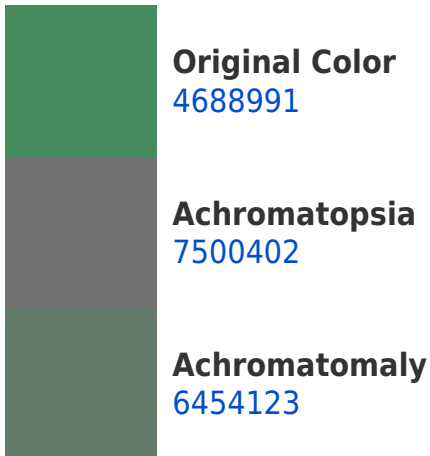


**Tritanopia**  
5473937

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4688991 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 #478C5F looks like.

```
.text, #text, p{  
    color:#478C5F  
}
```

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 #478C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478C5F
}
```

## Border

The CSS property to change the border of an element to Decimal 4688991 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
#478C5F }
```

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

```
.border{ border-color:#478C5F }
```

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

Here you see how a box with a 4 pixel #478C5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478C5F; -webkit-box-shadow:4px 4px  
4px 4px #478C5F; box-shadow:4px 4px 4px  
4px #478C5F }
```

# Background

The CSS property to change the background color of an element to Decimal 4688991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478C5F }
```

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

```
.background{ background-color:#478C5F }
```

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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