

# Converting Colors

Decimal(4697188)

Have a look what the booklet for  
Decimal(4697188) contains.

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# **Color**

**Decimal(4697188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47AC64
RGB	71, 172, 100
RGB Percent	28%, 67%, 39%
CMY	0.7216, 0.3255, 0.6078
CMYK	0.59, 0.00, 0.42, 0.33
HSL	137°, 42%, 48%
HSV	137°, 59%, 67%
XYZ	19.6513, 31.7647, 17.1521
YIQ	133.5930, -37.0840, -43.8040

# Conversions

## Conversions Part 2

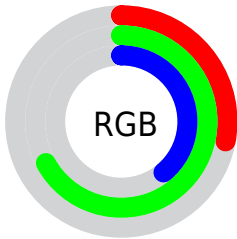
Format	Color
<a href="#">RYB</a>	<a href="#">71, 149, 172</a>
Decimal	<a href="#">4697188</a>
CIELab	<a href="#">63.15, -45.50, 28.45</a>
CIElCh	<a href="#">63, 53.660, 147.985</a>
Yxy	<a href="#">31.7647, 0.2866, 0.4633</a>
Android (android.graphics.Color)	<a href="#">4282887268 (0xFF47AC64)</a>
YUV	<a href="#">133.5930, -16.5613, -54.8941</a>
Hunter-Lab	<a href="#">56.3602, -36.3922, 21.4085</a>

# Details

The Decimal color **4697188** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11290511**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **8447128**, and **30516** is the 20% darker color. If you saturate the color by 10%, you get **3583064**, and if you desaturate by 10%, it is **5811312**.

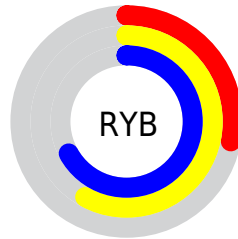
# Distribution



Red (28%)

Green (67%)

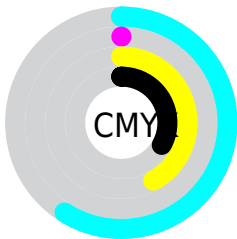
Blue (39%)



Red (28%)

Yellow (58%)

Blue (67%)

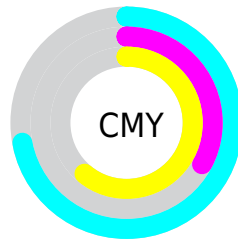


Cyan (59%)

Magenta (0%)

Yellow (42%)

Black (33%)



Cyan (72%)

Magenta (33%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4697188 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 4697188 by changing the saturation by 10% instead.





4697188



4697188

16777215



2593099



8447128



30516



10289075



23837



12189646



17413



14090219



11776



16056319



4864



0



4697188



4697188



3583064



5811312

■ 2468939

■ 6925437

■ 1289279

■ 8105097

■ 175155

■ 9219221

■ 44081

■ 10333345

■ 11447470

■ 12561594

■ 13741254

■ 14855378

# Harmonies

## Analogous

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



8889151



4697188



45204

# Triad

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



4697188



1482744



15692655

# Complementary

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



4697188



11290511

# 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.



15560606



4697188



9801453

# Square

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



4697188



43753



13662924



14385992

# Rectangle

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



4697188



45237



13662924



15822974



# Sweetspot

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



4697188



12116164



9415751



5795935



15790320



7368816



# Same Dimension

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



4697188



4448368



4697238



5134161



38443



5895



# Inverse Universe

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



11290511



14697395



11290461



5721684



9830507



1507344



# Previews

## White Background



This preview shows how the Decimal color 4697188 looks on a white background.

## Color Contrast Check

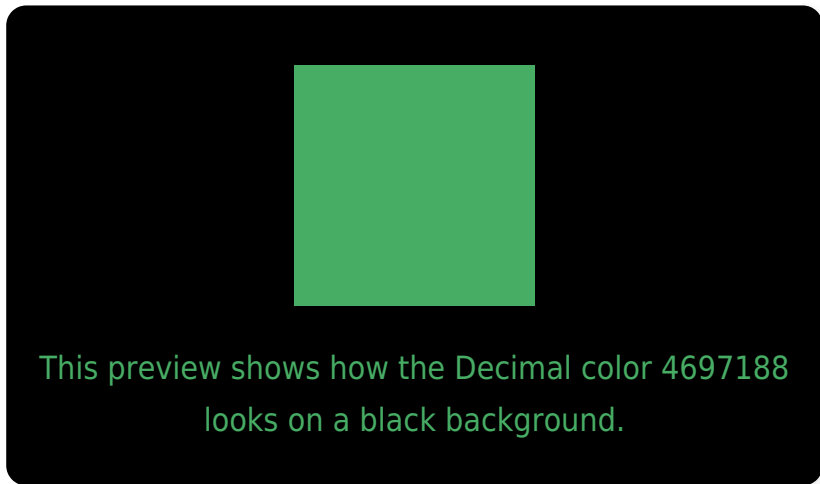
Large Text (above 18pt) WCAG AA × Fail

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 4697188 Background



This preview shows how black text looks on a background with the Decimal color 4697188.




This preview shows how white text looks on a background with the Decimal color 4697188.

# 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](#).

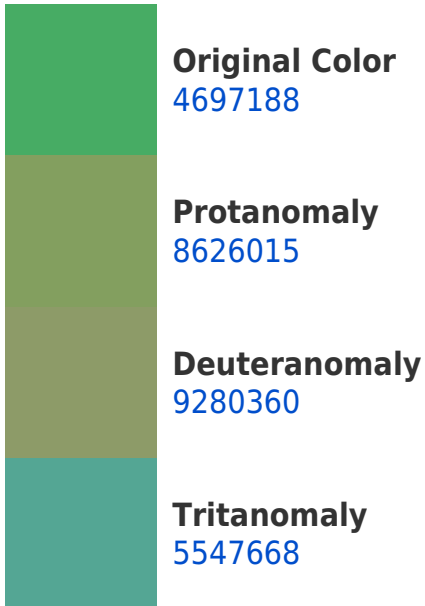
## Dichromacy



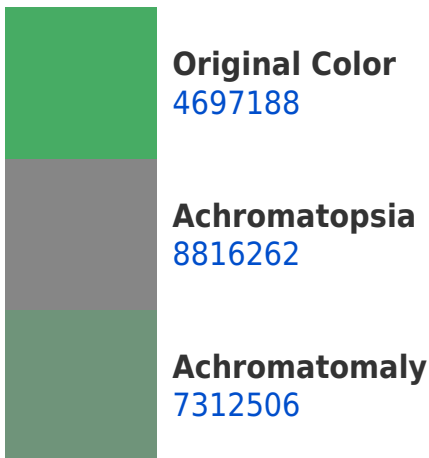


**Tritanopia**  
6071216

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4697188 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 #47AC64 looks like.

```
.text, #text, p{  
    color:#47AC64  
}
```

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 #47AC64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47AC64
}
```

## Border

The CSS property to change the border of an element to Decimal 4697188 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
#47AC64 }
```

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

```
.border{ border-color:#47AC64 }
```

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

Here you see how a box with a 4 pixel #47AC64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47AC64; -webkit-box-shadow:4px 4px  
4px 4px #47AC64; box-shadow:4px 4px 4px  
4px #47AC64 }
```

# Background

The CSS property to change the background color of an element to Decimal 4697188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47AC64 }
```

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

```
.background{ background-color:#47AC64 }
```

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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