

# Converting Colors

Decimal(4687872)

Have a look what the booklet for  
Decimal(4687872) contains.

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**Color**

**Decimal(4687872)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 478800                     |
| RGB           | 71, 136, 0                 |
| RGB Percent   | 28%, 53%, 0%               |
| CMY           | 0.7216, 0.4667, 1.0000     |
| CMYK          | 0.48, 0.00, 1.00, 0.47     |
| HSL           | 89°, 100%, 27%             |
| HSV           | 89°, 100%, 53%             |
| XYZ           | 11.4027, 18.9479, 3.0563   |
| YIQ           | 101.0610, 4.9160, -56.0760 |

# Conversions

## Conversions Part 2

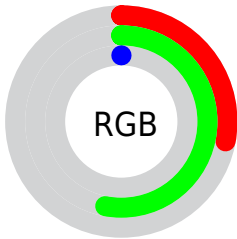
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 0, 136, 65                      |
| Decimal                             | 4687872                         |
| CIELab                              | 50.63, -40.58, 54.09            |
| CIELCh                              | 51, 67.622, 126.879             |
| Yxy                                 | 18.9479, 0.3413,<br>0.5672      |
| Android<br>(android.graphics.Color) | 4282877952<br>(0xFF478800)      |
| YUV                                 | 101.0610, -49.8231,<br>-26.3635 |
| Hunter-Lab                          | 43.5292, -29.4171,<br>26.3075   |

# Details

The Decimal color **4687872** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4259976**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **8306242**, and **414976** is the 20% darker color. If you saturate the color by 10%, you get **4687872**, and if you desaturate by 10%, it is **5081102**.

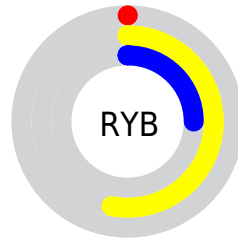
# Distribution



Red (28%)

Green (53%)

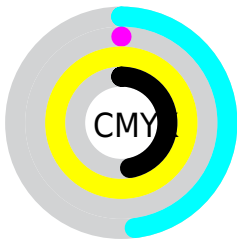
Blue (0%)



Red (0%)

Yellow (53%)

Blue (25%)

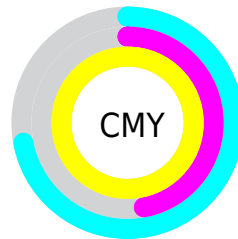


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (72%)

Magenta (47%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4687872 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 4687872 by changing the saturation by 10% instead.



 4687872


 4687872

16777215

 2780672

 8306242

 414976

 10148445

 15616

 12056440

 10240

 13893523

 1024

 15859631

 0

 16777163

 16777192

 4687872

 5081102

 5539867

 5933097

 6391862

 6785092

 7243858

 7702623

 8095853

 8554618

# Harmonies

## Analogous

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



8813056



4687872



36680

# Triad

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



4687872



35811



14496878

# Complementary

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



4687872



4259976

# 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.



12993703



4687872



31724

# Square

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



4687872



37309



9003734



13912118

# Rectangle

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



4687872



37233



9003734



14235009



# Sweetspot

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



4687872



9941115



8929024



4872505



14277081



5855577



# Same Dimension

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



4687872



6074368



362496



4343102



4556032



197888



# Inverse Universe

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



4259976



5505200



8585352



4275781



4128901



131077



# Previews

## White Background



This preview shows how the Decimal color 4687872 looks on a white background.

## Color Contrast Check

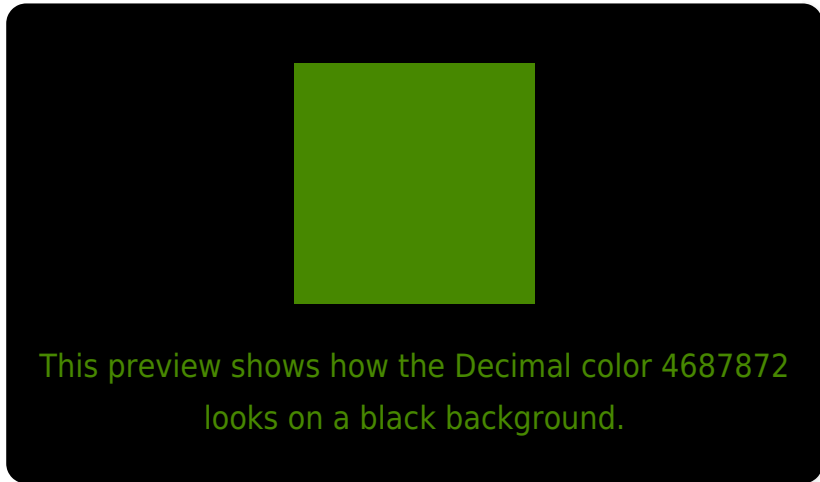
Large Text (above 18pt) WCAG AA ✓ Pass

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 4687872 Background



This preview shows how black text looks on a background with the Decimal color 4687872.



This preview shows how white text looks on a background with the Decimal color 4687872.

# 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**  
4687872

**Protanopia**  
8878080

**Deuteranopia**  
9925148



**Tritanopia**  
5799561

# Trichromacy



**Original Color**  
4687872

**Protanomaly**  
7372288

**Deuteranomaly**  
8026642

**Tritanomaly**  
5407319

# Monochromacy



**Original Color**  
4687872

**Achromatopsia**  
6645093

**Achromatomaly**  
5927488

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4687872 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 #478800 looks like.

```
.text, #text, p{  
    color:#478800  
}
```

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 #478800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478800
}
```

## Border

The CSS property to change the border of an element to Decimal 4687872 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
#478800 }
```

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

```
.border{ border-color:#478800 }
```

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

Here you see how a box with a 4 pixel #478800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478800; -webkit-box-shadow:4px 4px  
4px 4px #478800; box-shadow:4px 4px 4px  
4px #478800 }
```

# Background

The CSS property to change the background color of an element to Decimal 4687872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478800 }
```

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

```
.background{ background-color:#478800 }
```

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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