

# Converting Colors

Decimal(4687452)

Have a look what the booklet for  
Decimal(4687452) contains.

<b>Decimal(4687452)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4687452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47865C
RGB	71, 134, 92
RGB Percent	28%, 53%, 36%
CMY	0.7216, 0.4745, 0.6392
CMYK	0.47, 0.00, 0.31, 0.47
HSL	140°, 31%, 40%
HSV	140°, 47%, 53%
XYZ	13.0554, 19.1625, 13.1359
YIQ	110.3750, -24.0660, -26.4180

# Conversions

## Conversions Part 2

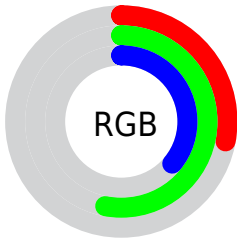
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">71, 118, 134</a>
Decimal	<a href="#">4687452</a>
CIELab	<a href="#">50.88, -30.28, 16.48</a>
CIElCh	<a href="#">51, 34.476, 151.443</a>
Yxy	<a href="#">19.1625, 0.2879, 0.4225</a>
Android (android.graphics.Color)	<a href="#">4282877532 (0xFF47865C)</a>
YUV	<a href="#">110.3750, -9.0589, -34.5319</a>
Hunter-Lab	<a href="#">43.7750, -23.3706, 12.8509</a>

# Details

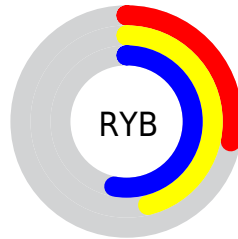
The Decimal color **4687452** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8800113**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **8109198**, and **1070126** is the 20% darker color. If you saturate the color by 10%, you get **3835475**, and if you desaturate by 10%, it is **5539429**.

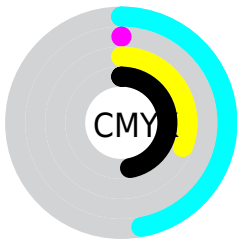
# Distribution



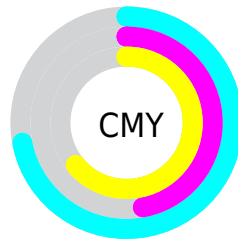
- Red (28%)
- Green (53%)
- Blue (36%)



- Red (28%)
- Yellow (46%)
- Blue (53%)



- Cyan (47%)
- Magenta (0%)
- Yellow (31%)
- Black (47%)



- Cyan (72%)
- Magenta (47%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4687452 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 4687452 by changing the saturation by 10% instead.





4687452



4687452

16777215



2976836



8109198



1070126



9885865



15384



11662532



9728



13500384



1536



15400957



0



4687452



4687452



3835475



5539429



2917962



6456942

■ 2065985

■ 7308919

■ 1148472

■ 8226432

■ 296495

■ 9078409

■ 34349

■ 9930386

■ 10847899

■ 11699875

■ 12617388

# Harmonies

## Analogous

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



7110726



4687452



428154

# Triad

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



4687452



5012660



11560028

# Complementary

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



4687452



8800113

# 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.



11559289



4687452



8286635

# Square

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



4687452



33964



10446742



10644806

# Rectangle

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



4687452



34958



10446742



11625061



# Sweetspot

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



4687452



9809309



7439943



4740941



14079702



5723991



# Same Dimension

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



4687452



5025133



4687482



3949118



33323



769



# Inverse Universe

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



8800113



11357325



8800082



4340800



8519767



196610



# Previews

## White Background



This preview shows how the Decimal color 4687452 looks on a white background.

## Color Contrast Check

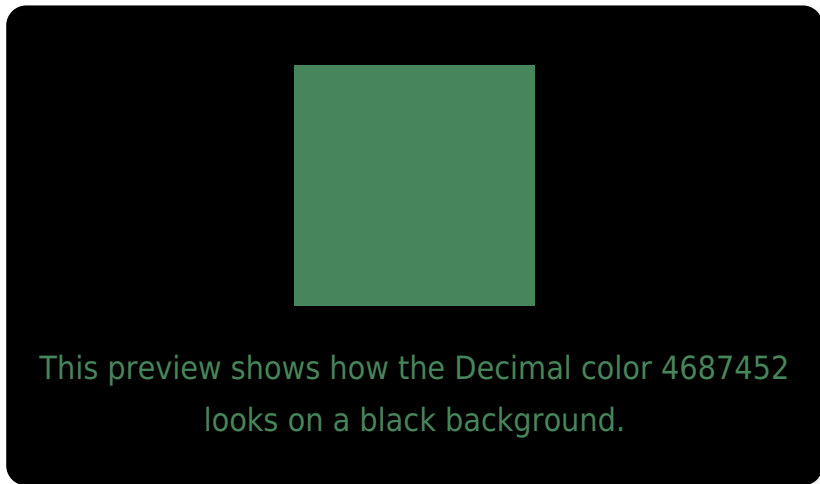
Large Text (above 18pt) WCAG AA ✓ Pass

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

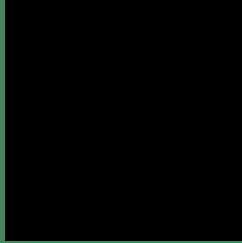
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4687452 Background



This preview shows how black text looks on a background with the Decimal color 4687452.



This preview shows how white text looks on a background with the Decimal color 4687452.

# 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**  
5406858

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4687452 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 #47865C looks like.

```
.text, #text, p{  
    color:#47865C  
}
```

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 #47865C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47865C
}
```

## Border

The CSS property to change the border of an element to Decimal 4687452 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".

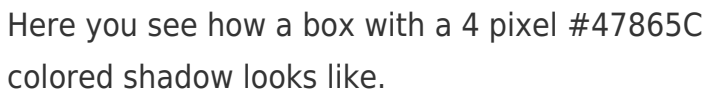
```
.border, #border, table{ border:4px solid
#47865C }
```

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

```
.border{ border-color:#47865C }
```

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

Here you see how a box with a 4 pixel #47865C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47865C; -webkit-box-shadow:4px 4px  
4px 4px #47865C; box-shadow:4px 4px 4px  
4px #47865C }
```

# Background

The CSS property to change the background color of an element to Decimal 4687452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47865C }
```

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

```
.background{ background-color:#47865C }
```

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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