

# Converting Colors

Decimal(4818785)

Have a look what the booklet for  
Decimal(4818785) contains.

<b>Decimal(4818785)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(4818785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	498761
RGB	73, 135, 97
RGB Percent	29%, 53%, 38%
CMY	0.7137, 0.4706, 0.6196
CMYK	0.46, 0.00, 0.28, 0.47
HSL	143°, 30%, 41%
HSV	143°, 46%, 53%
XYZ	13.5693, 19.6075, 14.3787
YIQ	112.1300, -24.7540, -24.9620

# Conversions

## Conversions Part 2

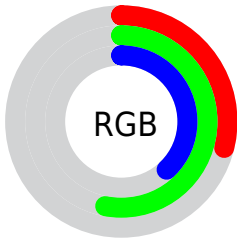
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 118, 135
Decimal	4818785
CIELab	51.39, -29.15, 14.34
CIELCh	51, 32.491, 153.804
Yxy	19.6075, 0.2853, 0.4123
Android (android.graphics.Color)	4283008865 (0xFF498761)
YUV	112.1300, -7.4591, -34.3170
Hunter-Lab	44.2803, -22.7909, 11.7436

# Details

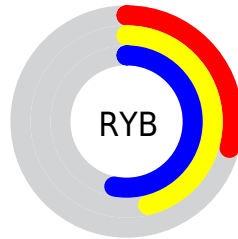
The Decimal color **4818785** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8866159**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **8240532**, and **1332530** is the 20% darker color. If you saturate the color by 10%, you get **3901273**, and if you desaturate by 10%, it is **5670761**.

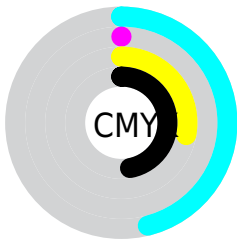
# Distribution



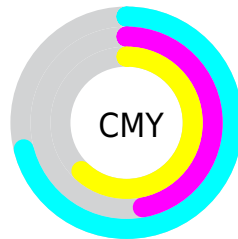
- Red (29%)
- Green (53%)
- Blue (38%)



- Red (29%)
- Yellow (46%)
- Blue (53%)



- Cyan (46%)
- Magenta (0%)
- Yellow (28%)
- Black (47%)



- Cyan (71%)
- Magenta (47%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4818785 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 4818785 by changing the saturation by 10% instead.





4818785



4818785

16777215



3108169



8240532



1332530



10017198



15645



11793866



9989



13631462



2560



15532031



0



4818785



4818785



3901273



5670761



3049296



6588274

■ 2197320

■ 7505786

■ 1279808

■ 8357762

■ 427832

■ 9275274

■ 34612

■ 10127251

■ 11044763

■ 11896739

■ 12814251

# Harmonies

## Analogous

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



7111243



4818785



1673597

# Triad

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



4818785



5668018



11429981

# Complementary

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



4818785



8866159

# 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.



11494520



4818785



8549033

# Square

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



4818785



1606828



10512531



10514505

# Rectangle

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



4818785



35216



10512531



11560549



# Sweetspot

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



4818785



9941153



7309129



4872528



14277081



5855577



# Same Dimension

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



4818785



5222517



4818816



3949118



33330



769



# Inverse Universe

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



8866159



11554698



8866128



4340800



8519760



196610



# Previews

## White Background



This preview shows how the Decimal color 4818785 looks on a white background.

## Color Contrast Check

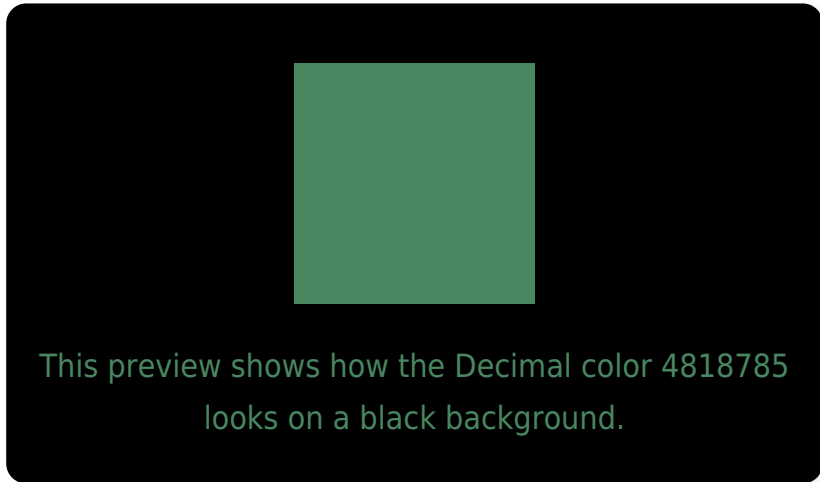
Large Text (above 18pt) WCAG AA ✓ Pass

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

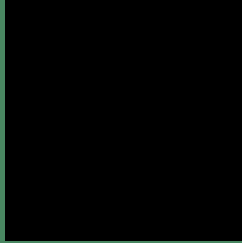
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4818785 Background



This preview shows how black text looks on a background with the Decimal color 4818785.

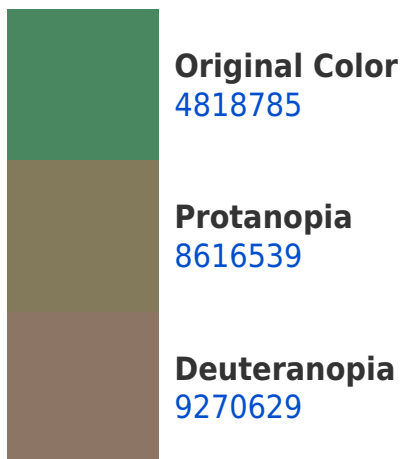


This preview shows how white text looks on a background with the Decimal color 4818785.

# 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**  
5472652

# Trichromacy



**Original Color**  
4818785

**Protanomaly**  
7241565

**Deuteranomaly**  
7634020

**Tritanomaly**  
5211004

# Monochromacy



**Original Color**  
4818785

**Achromatopsia**  
7368816

**Achromatomaly**  
6453355

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4818785 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 #498761 looks like.

```
.text, #text, p{  
  color:#498761  
}
```

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 #498761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498761
}
```

## Border

The CSS property to change the border of an element to Decimal 4818785 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
#498761 }
```

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

```
.border{ border-color:#498761 }
```

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

Here you see how a box with a 4 pixel #498761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498761; -webkit-box-shadow:4px 4px  
4px 4px #498761; box-shadow:4px 4px 4px  
4px #498761 }
```

# Background

The CSS property to change the background color of an element to Decimal 4818785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498761 }
```

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

```
.background{ background-color:#498761 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor