

# Converting Colors

Decimal(5084239)

Have a look what the booklet for  
Decimal(5084239) contains.

<b>Decimal(5084239)</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(5084239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D944F
RGB	77, 148, 79
RGB Percent	30%, 58%, 31%
CMY	0.6980, 0.4196, 0.6902
CMYK	0.48, 0.00, 0.47, 0.42
HSL	122°, 32%, 44%
HSV	122°, 48%, 58%
XYZ	15.0618, 23.3221, 11.1049
YIQ	118.9050, -20.1670, -36.5110

# Conversions

## Conversions Part 2

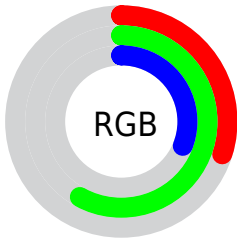
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 146, 148
Decimal	5084239
CIELab	55.40, -37.20, 29.66
CIELCh	55, 47.578, 141.428
Yxy	23.3221, 0.3043, 0.4713
Android (android.graphics.Color)	4283274319 (0xFF4D944F)
YUV	118.9050, -19.6732, -36.7507
Hunter-Lab	48.2930, -28.8416, 20.1714

# Details

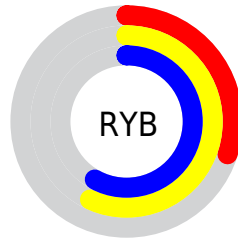
The Decimal color **5084239** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9719186**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8571777**, and **1269792** is the 20% darker color. If you saturate the color by 10%, you get **4101185**, and if you desaturate by 10%, it is **6067293**.

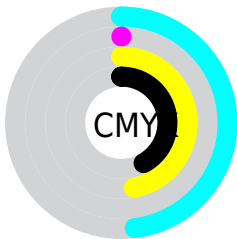
# Distribution



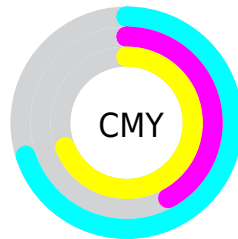
- Red (30%)
- Green (58%)
- Blue (31%)



- Red (30%)
- Yellow (57%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (47%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5084239 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 5084239 by changing the saturation by 10% instead.





5084239



5084239

16777215



3308087



8571777



1269792



10413980



18440



12255159



12544



14090195



6912



15990767



0



5084239



5084239



4101185



6067293



3118130



7050348

■ 2200612

■ 7967866

■ 1217557

■ 8950921

■ 234503

■ 9933975

■ 37892

■ 10917029

■ 11900084

■ 12817602

■ 13800656

# Harmonies

## Analogous

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



8358707



5084239



39031

# Triad

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



5084239



36310



13722217

# Complementary

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



5084239



9719186

# 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.



13263506



5084239



7569362

# Square

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



5084239



38340



11300537



12808005

# Rectangle

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



5084239



39316



11300537



13721718



# Sweetspot

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



5084239



10796965



9671757



5267793



14737632



6381921



# Same Dimension

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



5084239



5291859



5084274



4409923



35332



2560



# Inverse Universe

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



9719186



12538044



9719151



4866890



9044102



655370



# Previews

## White Background



This preview shows how the Decimal color 5084239 looks on a white background.

## Color Contrast Check

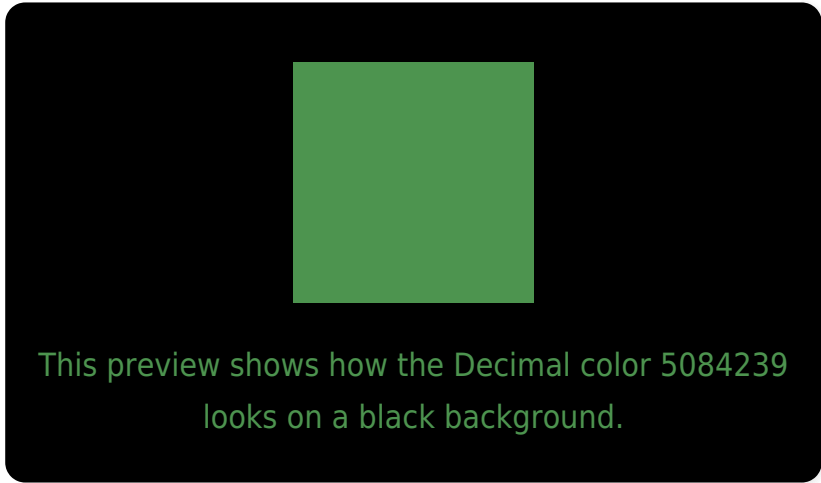
Large Text (above 18pt) WCAG AA ✓ Pass

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

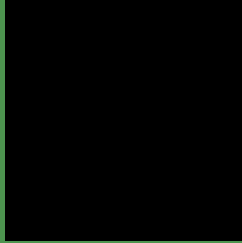
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5084239 Background



This preview shows how black text looks on a background with the Decimal color 5084239.



This preview shows how white text looks on a background with the Decimal color 5084239.

# 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**

5084239

**Protanopia**

9536585

**Deuteranopia**

10452564



# Trichromacy



**Original Color**  
5084239

**Protanomaly**  
7899723

**Deuteranomaly**  
8488530

**Tritanomaly**  
5738365

# Monochromacy



**Original Color**  
5084239

**Achromatopsia**  
7829367

**Achromatomaly**  
6849128

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5084239 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 #4D944F looks like.

```
.text, #text, p{  
    color:#4D944F  
}
```

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 #4D944F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D944F
}
```

## Border

The CSS property to change the border of an element to Decimal 5084239 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
#4D944F }
```

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

```
.border{ border-color:#4D944F }
```

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

Here you see how a box with a 4 pixel #4D944F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D944F; -webkit-box-shadow:4px 4px  
4px 4px #4D944F; box-shadow:4px 4px 4px  
4px #4D944F }
```

# Background

The CSS property to change the background color of an element to Decimal 5084239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D944F }
```

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

```
.background{ background-color:#4D944F }
```

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