

# Converting Colors

Decimal(5085811)

Have a look what the booklet for  
Decimal(5085811) contains.

<b>Decimal(5085811)</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(5085811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D9A73
RGB	77, 154, 115
RGB Percent	30%, 60%, 45%
CMY	0.6980, 0.3961, 0.5490
CMYK	0.50, 0.00, 0.25, 0.40
HSL	150°, 33%, 45%
HSV	150°, 50%, 60%
XYZ	17.7107, 25.9268, 20.2906
YIQ	126.5310, -33.3730, -28.4530

# Conversions

## Conversions Part 2

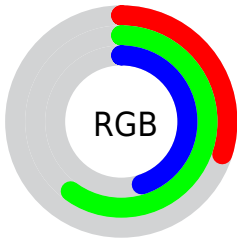
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 129, 154
Decimal	5085811
CIELab	57.97, -33.24, 13.29
CIELCh	58, 35.800, 158.203
Yxy	25.9268, 0.2770, 0.4056
Android (android.graphics.Color)	4283275891 (0xFF4D9A73)
YUV	126.5310, -5.6848, -43.4387
Hunter-Lab	50.9184, -27.0203, 12.0162

# Details

The Decimal color **5085811** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10112372**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **8638887**, and **1205827** is the 20% darker color. If you saturate the color by 10%, you get **4102763**, and if you desaturate by 10%, it is **6068859**.

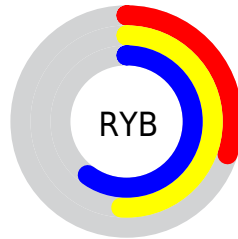
# Distribution



Red (30%)

Green (60%)

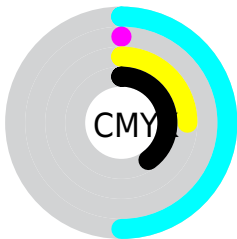
Blue (45%)



Red (30%)

Yellow (51%)

Blue (60%)

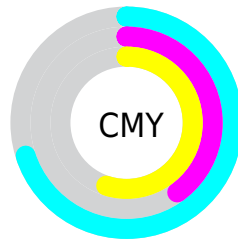


Cyan (50%)

Magenta (0%)

Yellow (25%)

Black (40%)



Cyan (70%)

Magenta (40%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5085811 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 5085811 by changing the saturation by 10% instead.



 5085811

 5085811

16777215

 3309658

 8638887

 1205827

 10415554

 20012

 12255198

 13847

 14155771

 8704

 16056319

 0


 5085811

 5085811

 4102763

 6068859

 3054179

 7117443

■ 2071132

■ 8100490

■ 1022548

■ 9149074

■ 39500

■ 10132122

■ 11115170

■ 12163754

■ 13146801

■ 14195385

# Harmonies

## Analogous

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



7705945



5085811



892051

# Triad

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



5085811



6982857



12875622

# Complementary

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



5085811



10112372

# 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.



13070980



5085811



10125501

# Square

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



5085811



2725317



12154531



11698513

# Rectangle

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



5085811



39848



12154531



13071727



# Sweetspot

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



5085811



11258298



7707213



5531229



15132390



6710886



# Same Dimension

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



5085811



5360012



5085849



4541769



35909



3334



# Inverse Universe

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



10112372



13193614



10112334



5064009



9175111



851974



# Previews

## White Background



This preview shows how the Decimal color 5085811 looks on a white background.

## Color Contrast Check

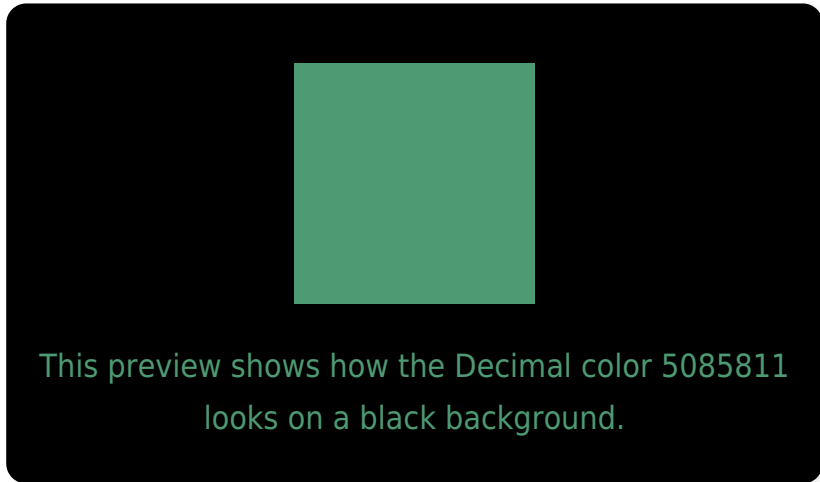
Large Text (above 18pt) WCAG AA ✓ Pass

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

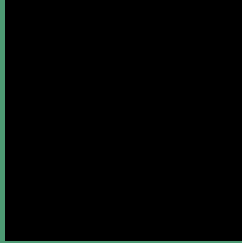
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5085811 Background



This preview shows how black text looks on a background with the Decimal color 5085811.

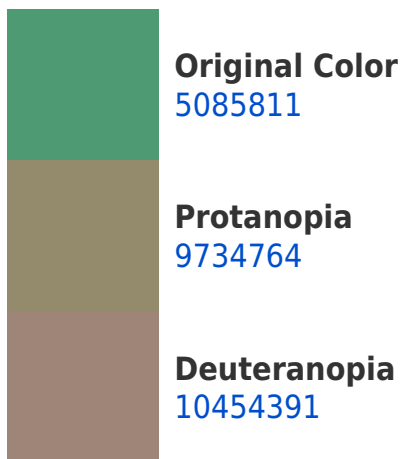


This preview shows how white text looks on a background with the Decimal color 5085811.

# 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





# Trichromacy



**Original Color**  
5085811



**Protanomaly**  
8032367



**Deuteranomaly**  
8490358



**Tritanomaly**  
5609104

# Monochromacy



**Original Color**  
5085811



**Achromatopsia**  
8355711



**Achromatomaly**  
7178619

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5085811 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 #4D9A73 looks like.

```
.text, #text, p{  
    color:#4D9A73  
}
```

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 #4D9A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9A73
}
```

## Border

The CSS property to change the border of an element to Decimal 5085811 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
#4D9A73 }
```

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

```
.border{ border-color:#4D9A73 }
```

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

Here you see how a box with a 4 pixel #4D9A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9A73; -webkit-box-shadow:4px 4px  
4px 4px #4D9A73; box-shadow:4px 4px 4px  
4px #4D9A73 }
```

# Background

The CSS property to change the background color of an element to Decimal 5085811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9A73 }
```

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

```
.background{ background-color:#4D9A73 }
```

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