

# Converting Colors

Decimal(565347)

Have a look what the booklet for  
Decimal(565347) contains.

<b>Decimal(565347)</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(565347)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08A063
RGB	8, 160, 99
RGB Percent	3%, 63%, 39%
CMY	0.9686, 0.3725, 0.6118
CMYK	0.95, 0.00, 0.38, 0.37
HSL	156°, 90%, 33%
HSV	156°, 95%, 63%
XYZ	14.9231, 26.0941, 16.0545
YIQ	107.5980, -71.0110, -51.1950

# Conversions

## Conversions Part 2

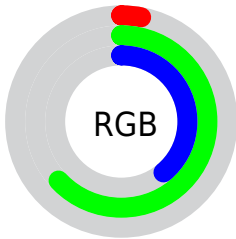
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 103, 160
Decimal	565347
CIE <sub>Lab</sub>	58.13, -49.77, 22.14
CIE <sub>LCh</sub>	58, 54.475, 156.015
Yxy	26.0941, 0.2615, 0.4572
Android (android.graphics.Color)	4278755427 (0xFF08A063)
YUV	107.5980, -4.2388, -87.3474
Hunter-Lab	51.0824, -37.2476, 17.1236

# Details

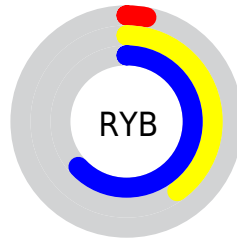
The Decimal color **565347** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10487877**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **5953686**, and **27444** is the 20% darker color. If you saturate the color by 10%, you get **41056**, and if you desaturate by 10%, it is **1613929**.

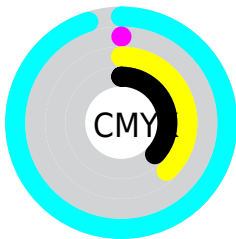
# Distribution



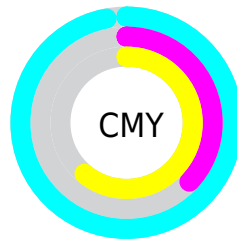
- Red (3%)
- Green (63%)
- Blue (39%)



- Red (3%)
- Yellow (40%)
- Blue (63%)



- Cyan (95%)
- Magenta (0%)
- Yellow (38%)
- Black (37%)



- Cyan (97%)
- Magenta (37%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 565347 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 565347 by changing the saturation by 10% instead.




 565347  565347

16777215  34123

 5953686  27444

 7927217  21021

 9895885  14598

 11796457  8960

 13762559  0

 15728639

 565347  565347

 41056  1613929

■ 2662512

■ 3711094

■ 4759677

■ 5808259

■ 6856842

■ 7905424

■ 8954006

■ 10002589

# Harmonies

## Analogous

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



6986041



565347



41876

# Triad

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



565347



3575531



14510422

# Complementary

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



565347



10487877

# 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.



14835588



565347



10124249

# Square

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



565347



39906



13461683



12876594

# Rectangle

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



565347



41652



13461683



14771301



# Sweetspot

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



565347



9753017



4694024



4483418



15263976



6908265



# Same Dimension

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



565347



53629



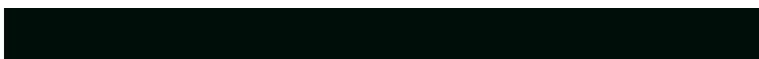
562080



4673356



36693



3849



# Inverse Universe

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



10487877



13697108



10491144



5195594



9371705



983046



# Previews

## White Background



This preview shows how the Decimal color 565347 looks on a white background.

### Color Contrast Check

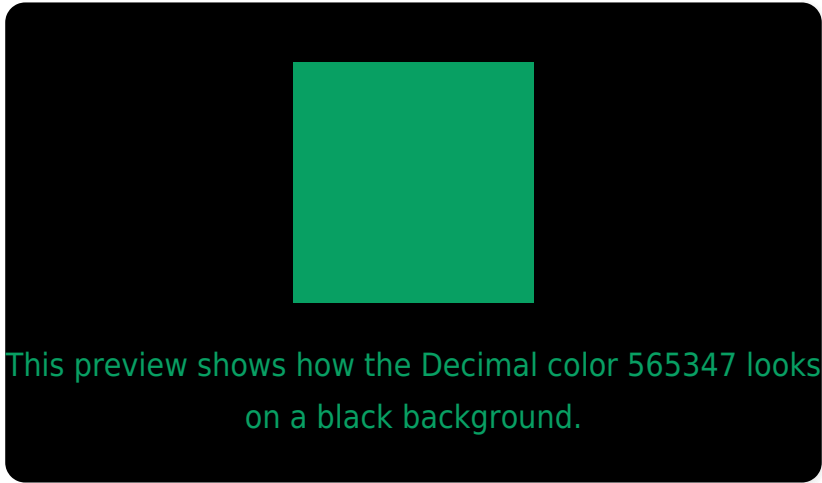
Large Text (above 18pt) WCAG AA ✓ Pass

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 565347 Background



This preview shows how black text looks on a background with the Decimal color 565347.



This preview shows how white text looks on a background with the Decimal color 565347.

# 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](#).

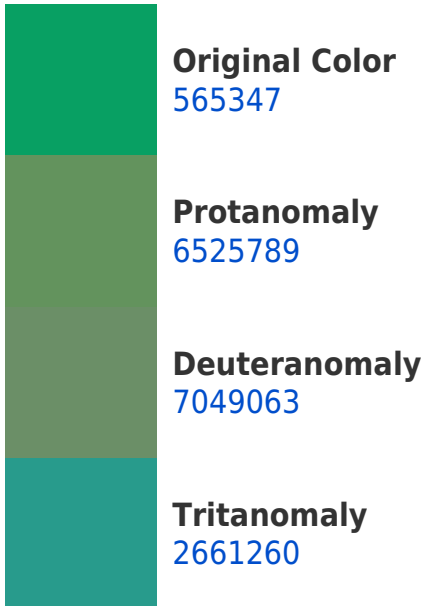
## Dichromacy



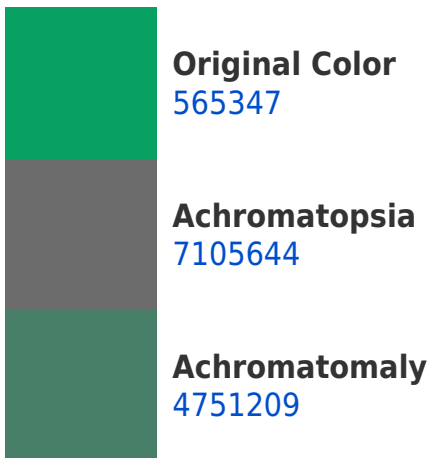


**Tritanopia**  
3840164

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 565347 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 #08A063 looks like.

```
.text, #text, p{  
    color:#08A063  
}
```

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 #08A063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08A063
}
```

## Border

The CSS property to change the border of an element to Decimal 565347 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
#08A063 }
```

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

```
.border{ border-color:#08A063 }
```

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

Here you see how a box with a 4 pixel #08A063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08A063; -webkit-box-shadow:4px 4px  
4px 4px #08A063; box-shadow:4px 4px 4px  
4px #08A063 }
```

# Background

The CSS property to change the background color of an element to Decimal 565347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08A063 }
```

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

```
.background{ background-color:#08A063 }
```

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