

# Converting Colors

Decimal(4037219)

Have a look what the booklet for  
Decimal(4037219) contains.

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# Color

**Decimal(4037219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D9A63
RGB	61, 154, 99
RGB Percent	24%, 60%, 39%
CMY	0.7608, 0.3961, 0.6118
CMYK	0.60, 0.00, 0.36, 0.40
HSL	145°, 43%, 42%
HSV	145°, 60%, 60%
XYZ	15.7322, 25.0042, 15.8015
YIQ	119.9230, -37.7730, -36.8210

# Conversions

## Conversions Part 2

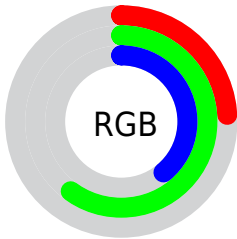
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 127, 154
Decimal	4037219
CIELab	57.08, -40.47, 20.90
CIELCh	57, 45.546, 152.689
Yxy	25.0042, 0.2783, 0.4423
Android (android.graphics.Color)	4282227299 (0xFF3D9A63)
YUV	119.9230, -10.3150, -51.6755
Hunter-Lab	50.0042, -31.3480, 16.2671

# Details

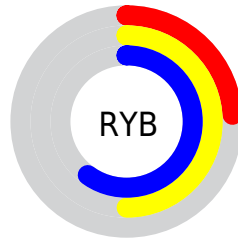
The Decimal color **4037219** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10108276**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **7721366**, and **26164** is the 20% darker color. If you saturate the color by 10%, you get **3054170**, and if you desaturate by 10%, it is **5020268**.

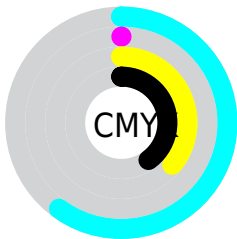
# Distribution



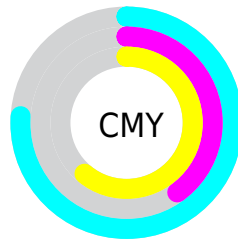
- Red (24%)
- Green (60%)
- Blue (39%)



- Red (24%)
- Yellow (50%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (36%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4037219 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 4037219 by changing the saturation by 10% instead.



 4037219

 4037219

16777215

 1933387

 7721366

 26164

 9563825

 19742

 11403213

 13575

 13303785

 8192

 15204351

 0

 4037219

 4037219

 3054170

 5020268

 2005585

 6068853

■ 1022536

■ 7051902

■ 39487

■ 8100487

■ 9083537

■ 10066586

■ 11115171

■ 12098220

■ 13146805

# Harmonies

## Analogous

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



7639875



4037219



40331

# Triad

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



4037219



4558040



13659232

# Complementary

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



4037219



10108276

# 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.



13789063



4037219



9469388

# Square

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



4037219



38863



12414638



12417602

# Rectangle

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



4037219



40358



12414638



13855085



# Sweetspot

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



4037219



10865076



7707197



5269081



15132390



6710886



# Same Dimension

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



4037219



3721588



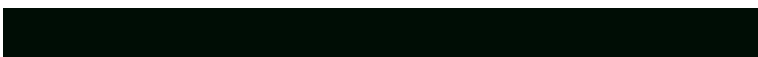
4037265



4541768



35897



3333



# Inverse Universe

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



10108276



13187214



10108230



5064009



9175123



851976



# Previews

## White Background



This preview shows how the Decimal color 4037219 looks on a white background.

## Color Contrast Check

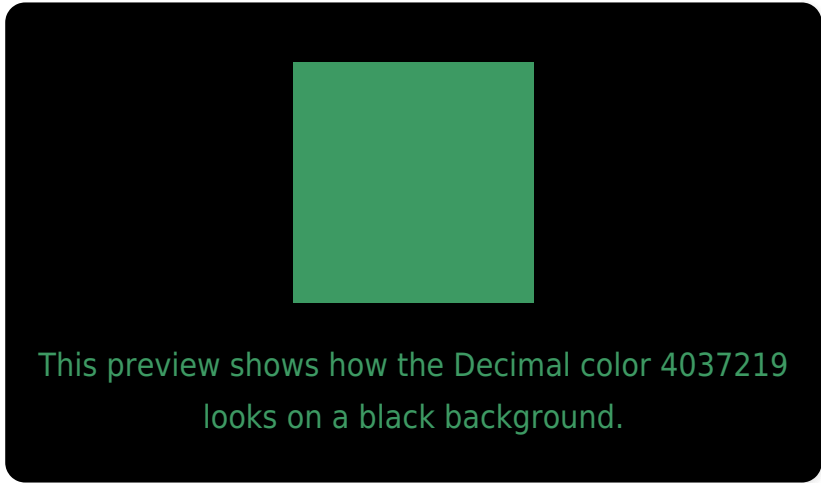
Large Text (above 18pt) WCAG AA ✓ Pass

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

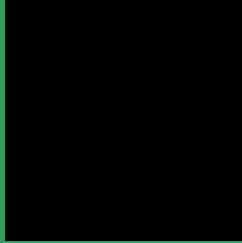
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4037219 Background



This preview shows how black text looks on a background with the Decimal color 4037219.



This preview shows how white text looks on a background with the Decimal color 4037219.

# 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



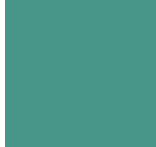
**Original Color**  
4037219



**Protanomaly**  
7638878



**Deuteranomaly**  
8162150



**Tritanomaly**  
4757129

# Monochromacy



**Original Color**  
4037219



**Achromatopsia**  
7895160



**Achromatomaly**  
6521968

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4037219 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 #3D9A63 looks like.

```
.text, #text, p{  
    color:#3D9A63  
}
```

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 #3D9A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9A63
}
```

## Border

The CSS property to change the border of an element to Decimal 4037219 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
#3D9A63 }
```

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

```
.border{ border-color:#3D9A63 }
```

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

Here you see how a box with a 4 pixel #3D9A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9A63; -webkit-box-shadow:4px 4px  
4px 4px #3D9A63; box-shadow:4px 4px 4px  
4px #3D9A63 }
```

# Background

The CSS property to change the background color of an element to Decimal 4037219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9A63 }
```

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

```
.background{ background-color:#3D9A63 }
```

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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