

# Converting Colors

Decimal(43364)

Have a look what the booklet for  
Decimal(43364) contains.

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# Color

**Decimal(43364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A964
RGB	0, 169, 100
RGB Percent	0%, 66%, 39%
CMY	1.0000, 0.3373, 0.6078
CMYK	1.00, 0.00, 0.41, 0.34
HSL	156°, 100%, 33%
HSV	156°, 100%, 66%
XYZ	16.4882, 29.2960, 16.8423
YIQ	110.6030, -78.5750, -57.2870

# Conversions

## Conversions Part 2

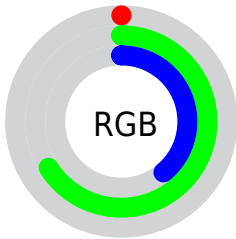
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 106, 169
Decimal	43364
CIELab	61.04, -53.22, 25.47
CIELCh	61, 59.002, 154.425
Yxy	29.2960, 0.2633, 0.4678
Android (android.graphics.Color)	4278233444 (0xFF00A964)
YUV	110.6030, -5.2273, -96.9988
Hunter-Lab	54.1258, -40.3441, 19.4389

# Details

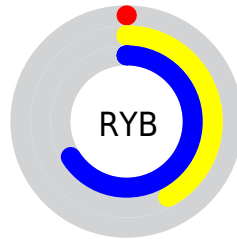
The Decimal color **43364** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11075653**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **6021527**, and **29492** is the 20% darker color. If you saturate the color by 10%, you get **43364**, and if you desaturate by 10%, it is **1157483**.

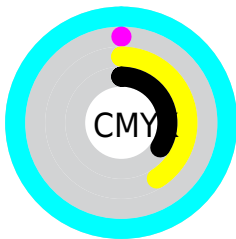
# Distribution



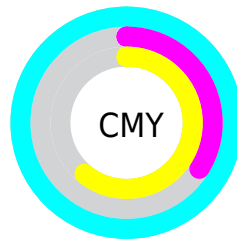
- Red (0%)
- Green (66%)
- Blue (39%)



- Red (0%)
- Yellow (42%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 43364 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 43364 by changing the saturation by 10% instead.



 43364  43364

16777215  36428

 6021527  29492

 8060850  23069

 10026958  16646

 11993066  11008

 13959167  1792

 15925247  0

 43364

 1157483

 2271602

 3385721

 4499840

 5548423

 6662541

 7776660

 8890779

 10004898

# Harmonies

## Analogous

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



7446838



43364



44186

# Triad

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



43364



1873916



15559515

# Complementary

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



43364



11075653

# 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.



15819406



43364



10453738

# Square

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



43364



42225



14183617



13795378

# Rectangle

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



43364



44221



14183617



15820395



# Sweetspot

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



43364



10148800



4630784



4615774



15592941



7237230



# Same Dimension

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



43364



56194



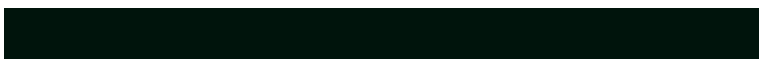
39849



5002321



37976



5132



# Inverse Universe

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



11075653



14352474



11079168



5524559



9699388



1310728



# Previews

## White Background



This preview shows how the Decimal color 43364 looks on a white background.

## Color Contrast Check

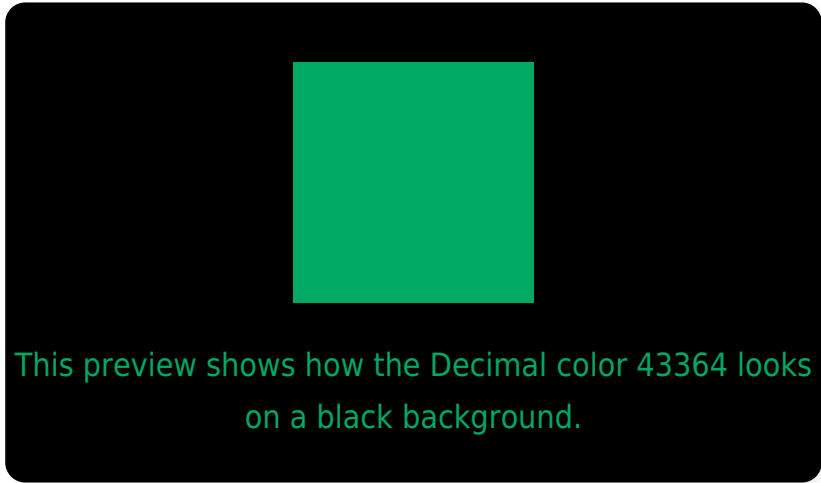
Large Text (above 18pt) WCAG AA ✓ Pass

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

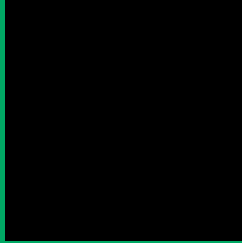
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 43364 Background



This preview shows how black text looks on a background with the Decimal color 43364.

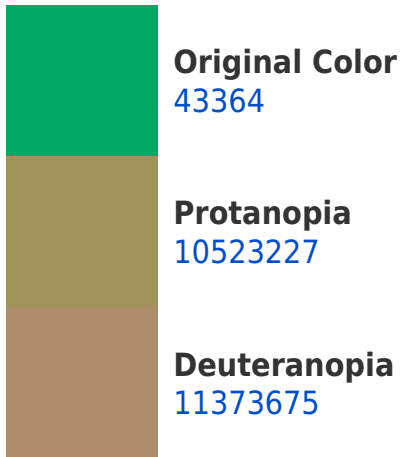


This preview shows how white text looks on a background with the Decimal color 43364.

# 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**  
4104365

# Trichromacy



**Original Color**

43364



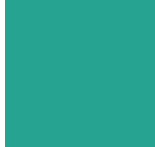
**Protanomaly**

6724190



**Deuteranomaly**

7247720



**Tritanomaly**

2597778

# Monochromacy



**Original Color**

43364



**Achromatopsia**

7303023



**Achromatomaly**

4686955

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 43364 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 #00A964 looks like.

```
.text, #text, p{  
    color:#00A964  
}
```

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 #00A964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A964
}
```

## Border

The CSS property to change the border of an element to Decimal 43364 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
#00A964 }
```

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

```
.border{ border-color:#00A964 }
```

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

Here you see how a box with a 4 pixel #00A964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A964; -webkit-box-shadow:4px 4px  
4px 4px #00A964; box-shadow:4px 4px 4px  
4px #00A964 }
```

# Background

The CSS property to change the background color of an element to Decimal 43364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A964 }
```

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

```
.background{ background-color:#00A964 }
```

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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