

# Converting Colors

Decimal(34916)

Have a look what the booklet for  
Decimal(34916) contains.

<b>Decimal(34916)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(34916)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008864
RGB	0, 136, 100
RGB Percent	0%, 53%, 39%
CMY	1.0000, 0.4667, 0.6078
CMYK	1.00, 0.00, 0.26, 0.47
HSL	164°, 100%, 27%
HSV	164°, 100%, 53%
XYZ	11.1044, 18.5284, 15.0477
YIQ	91.2320, -69.5000, -40.0280

# Conversions

## Conversions Part 2

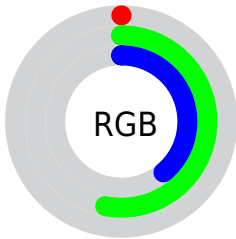
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 136
Decimal	34916
CIELab	50.13, -40.62, 10.62
CIELCh	50, 41.980, 165.352
Yxy	18.5284, 0.2485, 0.4147
Android (android.graphics.Color)	4278224996 (0xFF008864)
YUV	91.2320, 4.3226, -80.0105
Hunter-Lab	43.0447, -29.2797, 9.4045

# Details

The Decimal color **34916** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8912932**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **5422743**, and **21813** is the 20% darker color. If you saturate the color by 10%, you get **34916**, and if you desaturate by 10%, it is **952424**.

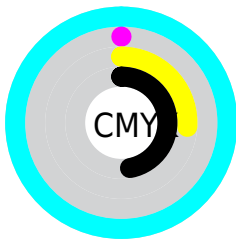
# Distribution



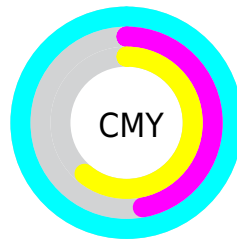
- Red (0%)
- Green (53%)
- Blue (39%)



- Red (0%)
- Yellow (31%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (61%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 34916 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 34916 by changing the saturation by 10% instead.




 34916  34916

16777215  28236

 5422743  21813

 7330482  15648

 9172941  10249

 11075561  256

 12976127  0

 14942207

 34916

 952424

■ 1804395

■ 2721903

■ 3573874

■ 4491382

■ 5408890

■ 6260861

■ 7178369

■ 8030340

# Harmonies

## Analogous

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



5407555



34916



35209

# Triad

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



34916



5993916



11625030

# Complementary

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



34916



8912932

# 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.



12212582



34916



9529002

# Square

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



34916



32956



11557770



10121008

# Rectangle

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



34916



34976



11557770



11951696



# Sweetspot

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



34916



8106146



2394112



3758417



14277081



5855577



# Same Dimension

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



34916



45185



26760



4080963



34146



1284



# Inverse Universe

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



8912932



11534383



8921088



4537920



8716323



327681



# Previews

## White Background



This preview shows how the Decimal color 34916 looks on a white background.

## Color Contrast Check

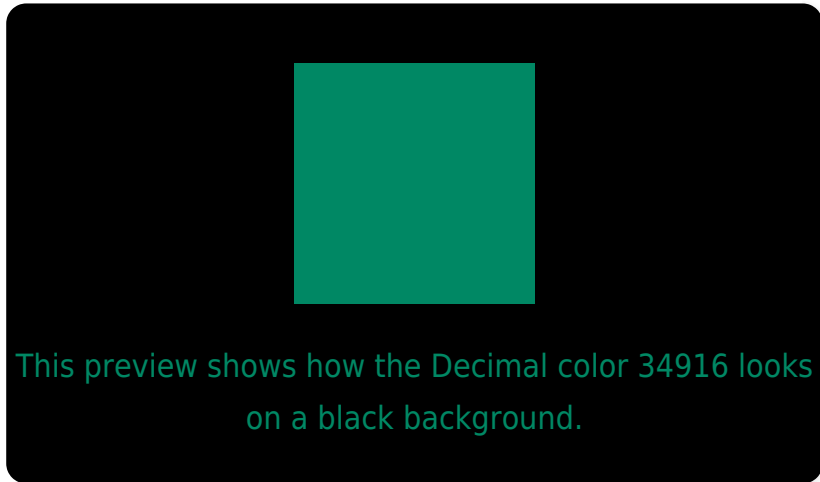
Large Text (above 18pt) WCAG AA ✓ Pass

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

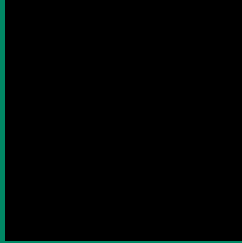
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 34916 Background



This preview shows how black text looks on a background with the Decimal color 34916.

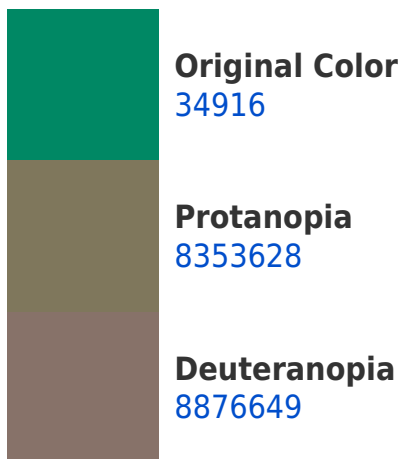



This preview shows how white text looks on a background with the Decimal color 34916.

# 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](#).

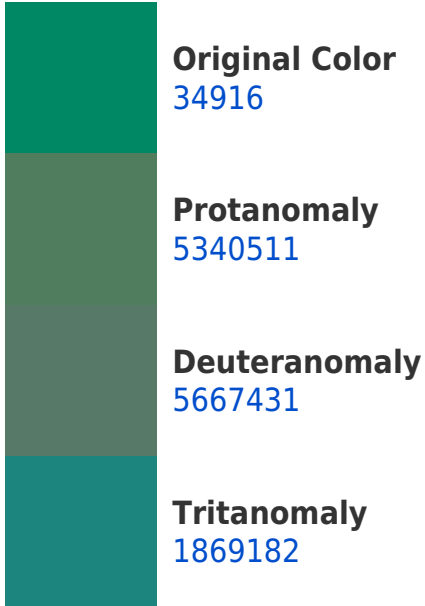
## Dichromacy



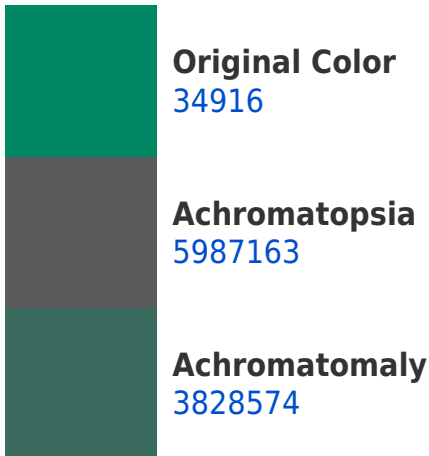


**Tritanopia**  
2917261

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 34916 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 #008864 looks like.

```
.text, #text, p{  
    color:#008864  
}
```

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 #008864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008864
}
```

## Border

The CSS property to change the border of an element to Decimal 34916 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
#008864 }
```

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

```
.border{ border-color:#008864 }
```

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

Here you see how a box with a 4 pixel #008864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008864; -webkit-box-shadow:4px 4px  
4px 4px #008864; box-shadow:4px 4px 4px  
4px #008864 }
```

# Background

The CSS property to change the background color of an element to Decimal 34916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008864 }
```

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

```
.background{ background-color:#008864 }
```

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