

# Converting Colors

Decimal(36469)

Have a look what the booklet for  
Decimal(36469) contains.

<b>Decimal(36469)</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(36469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008E75
RGB	0, 142, 117
RGB Percent	0%, 56%, 46%
CMY	1.0000, 0.4431, 0.5412
CMYK	1.00, 0.00, 0.18, 0.44
HSL	169°, 100%, 28%
HSV	169°, 100%, 56%
XYZ	12.8839, 20.6304, 20.1326
YIQ	96.6920, -76.6070, -37.8790

# Conversions

## Conversions Part 2

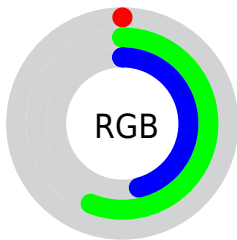
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 142
Decimal	36469
CIELab	52.54, -38.60, 4.24
CIELCh	53, 38.828, 173.736
Yxy	20.6304, 0.2402, 0.3846
Android (android.graphics.Color)	4278226549 (0xFF008E75)
YUV	96.6920, 10.0118, -84.7989
Hunter-Lab	45.4207, -28.8534, 5.5143

# Details

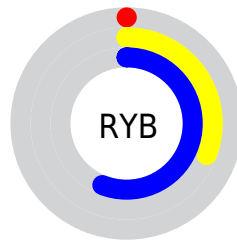
The Decimal color **36469** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9306137**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **5555625**, and **23365** is the 20% darker color. If you saturate the color by 10%, you get **36469**, and if you desaturate by 10%, it is **953976**.

# Distribution



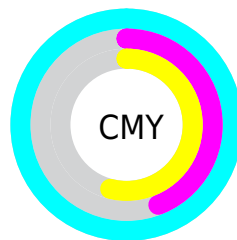
- Red (0%)
- Green (56%)
- Blue (46%)



- Red (0%)
- Yellow (31%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 36469 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 36469 by changing the saturation by 10% instead.



 36469  36469

16777215  29788

 5555625  23365

 7528900  16943

 9436896  11290

 11337725  4096

 13238271  0

 15204351

 36469

 953976

■ 1871482

■ 2854525

■ 3772031

■ 4689538

■ 5607044

■ 6524551

■ 7507593

■ 8425100

# Harmonies

## Analogous

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



5212757



36469



36503

# Triad

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



36469



7698362



11562313

# Complementary

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



36469



9306137

# 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.



12346212



36469



10513317

# Square

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



36469



3179455



12083846



9992506

# Rectangle

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



36469



36011



12083846



11954513



# Sweetspot

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



36469



8501422



1740288



3890262



14408667



6052956



# Same Dimension

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



36469



47255



24974



4212550



34671



2054



# Inverse Universe

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



9306137



12058656



9317632



4669506



8847384



524289



# Previews

## White Background



This preview shows how the Decimal color 36469 looks on a white background.

## Color Contrast Check

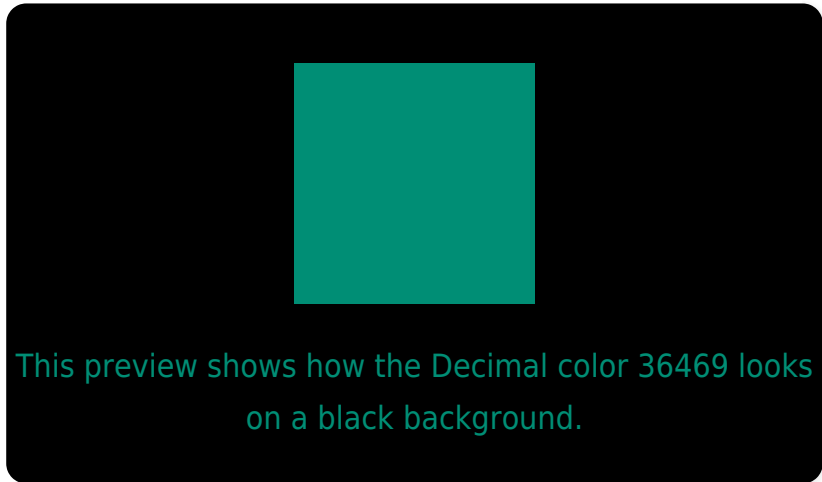
Large Text (above 18pt) WCAG AA ✓ Pass

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

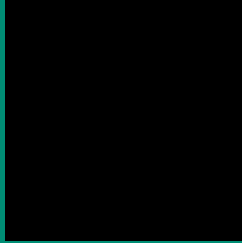
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 36469 Background



This preview shows how black text looks on a background with the Decimal color 36469.

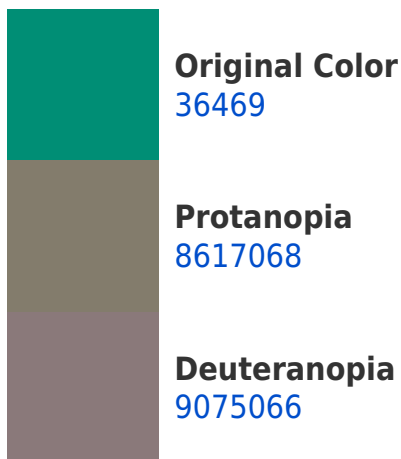


This preview shows how white text looks on a background with the Decimal color 36469.

# Color Blindness Simulation

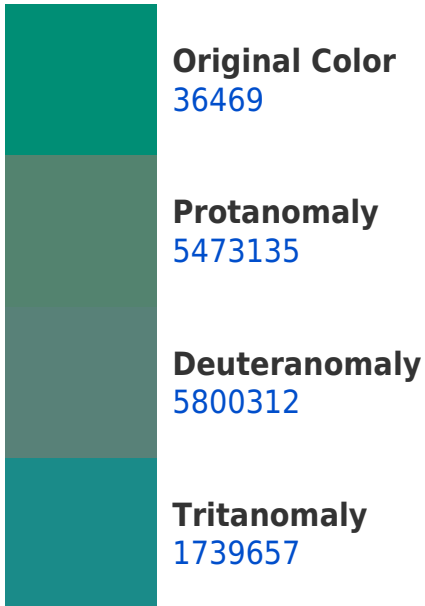
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

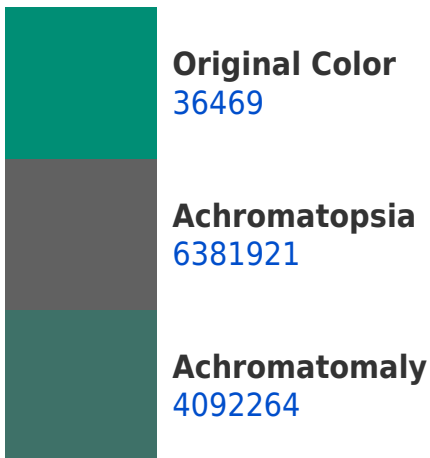




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 36469 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 #008E75 looks like.

```
.text, #text, p{  
    color:#008E75  
}
```

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 #008E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E75  
}
```

## Border

The CSS property to change the border of an element to Decimal 36469 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  
#008E75 }
```

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

```
.border{ border-color:#008E75 }
```

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

Here you see how a box with a 4 pixel #008E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E75; -webkit-box-shadow:4px 4px  
4px 4px #008E75; box-shadow:4px 4px 4px  
4px #008E75 }
```

# Background

The CSS property to change the background color of an element to Decimal 36469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E75 }
```

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

```
.background{ background-color:#008E75 }
```

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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