

# Converting Colors

Decimal(35445)

Have a look what the booklet for  
Decimal(35445) contains.

<b>Decimal(35445)</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(35445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008A75
RGB	0, 138, 117
RGB Percent	0%, 54%, 46%
CMY	1.0000, 0.4588, 0.5412
CMYK	1.00, 0.00, 0.15, 0.46
HSL	171°, 100%, 27%
HSV	171°, 100%, 54%
XYZ	12.2994, 19.4613, 19.9378
YIQ	94.3440, -75.5070, -35.7870

# Conversions

## Conversions Part 2

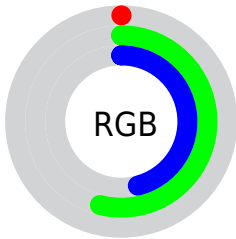
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 138
Decimal	35445
CIELab	51.22, -36.85, 2.33
CIElCh	51, 36.925, 176.383
Yxy	19.4613, 0.2379, 0.3764
Android (android.graphics.Color)	4278225525 (0xFF008A75)
YUV	94.3440, 11.1694, -82.7397
Hunter-Lab	44.1150, -27.4350, 4.0843

# Details

The Decimal color **35445** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9043989**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **5488809**, and **22341** is the 20% darker color. If you saturate the color by 10%, you get **35445**, and if you desaturate by 10%, it is **952951**.

# Distribution



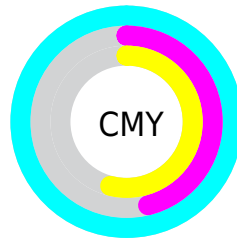
- Red (0%)
- Green (54%)
- Blue (46%)



- Red (0%)
- Yellow (29%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 35445 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 35445 by changing the saturation by 10% instead.



 35445  35445

16777215  28764

 5488809  22341

 7462084  16175

 9370080  10522

 11272189  2048

 13172735  0

 15073279

 35445

 952951

 1870457

 2722427


 3639933

 4557439

 5474946

 6392452

 7244422

 8161928

# Harmonies

## Analogous

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



4949846



35445



35477

# Triad

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



35445



7828403



11103302

# Complementary

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



35445



9043989

# 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.



11887200



35445



10381213

# Square

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



35445



3899065



11690111



9533242

# Rectangle

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



35445



34983



11690111



11429966



# Sweetspot

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



35445



8237994



1542656



3758420



14277081



5855577



# Same Dimension

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



35445



45975



23690



4080964



34160



1284



# Inverse Universe

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



9043989



11730971



9055744



4537919



8716308



327681



# Previews

## White Background



This preview shows how the Decimal color 35445 looks on a white background.

## Color Contrast Check

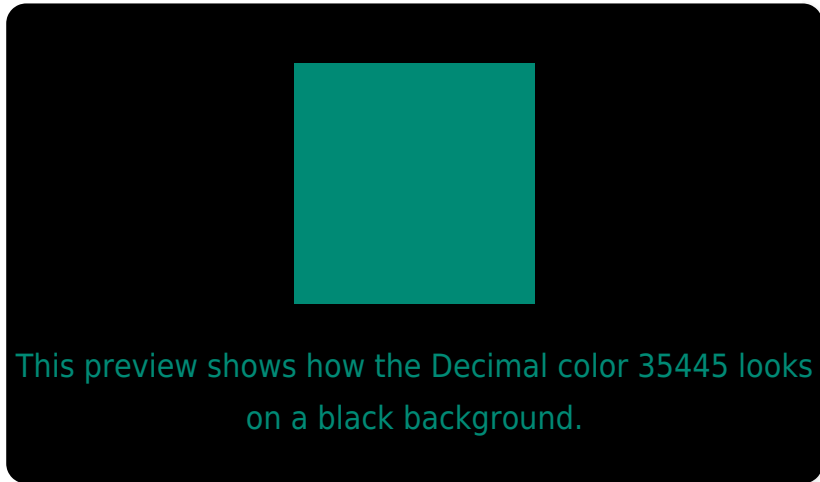
Large Text (above 18pt) WCAG AA ✓ Pass

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

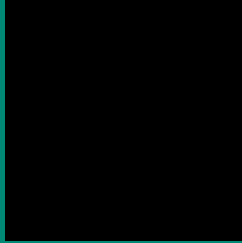
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 35445 Background



This preview shows how black text looks on a background with the Decimal color 35445.

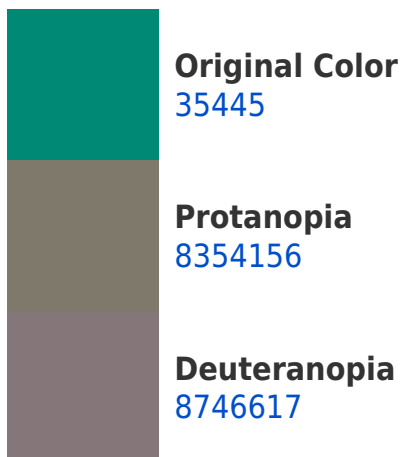


This preview shows how white text looks on a background with the Decimal color 35445.

# Color Blindness Simulation

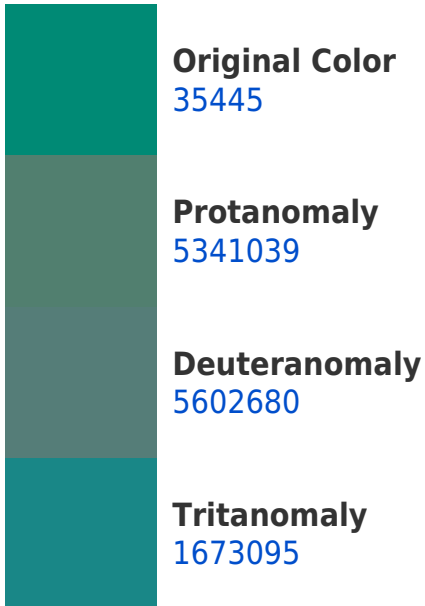
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

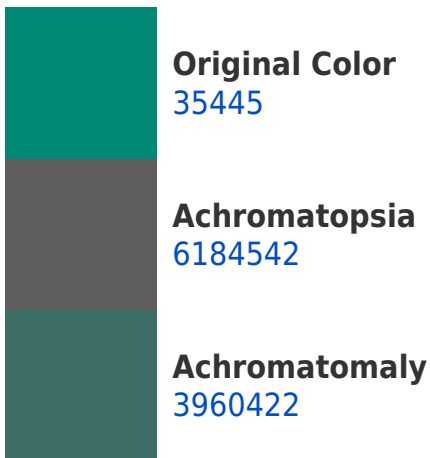




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 35445 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 #008A75 looks like.

```
.text, #text, p{  
    color:#008A75  
}
```

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 #008A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A75
}
```

## Border

The CSS property to change the border of an element to Decimal 35445 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
#008A75 }
```

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

```
.border{ border-color:#008A75 }
```

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

Here you see how a box with a 4 pixel #008A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A75; -webkit-box-shadow:4px 4px  
4px 4px #008A75; box-shadow:4px 4px 4px  
4px #008A75 }
```

# Background

The CSS property to change the background color of an element to Decimal 35445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A75 }
```

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

```
.background{ background-color:#008A75 }
```

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