

# Converting Colors

Decimal(34164)

Have a look what the booklet for  
Decimal(34164) contains.

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# Color

**Decimal(34164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008574
RGB	0, 133, 116
RGB Percent	0%, 52%, 45%
CMY	1.0000, 0.4784, 0.5451
CMYK	1.00, 0.00, 0.13, 0.48
HSL	172°, 100%, 26%
HSV	172°, 100%, 52%
XYZ	11.5399, 18.0360, 19.3961
YIQ	91.2950, -73.8110, -33.4830

# Conversions

## Conversions Part 2

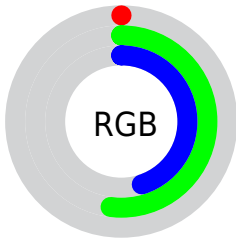
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 133
Decimal	34164
CIELab	49.54, -34.91, 0.47
CIELCh	50, 34.917, 179.235
Yxy	18.0360, 0.2356, 0.3683
Android (android.graphics.Color)	4278224244 (0xFF008574)
YUV	91.2950, 12.1796, -80.0657
Hunter-Lab	42.4688, -25.8172, 2.6496

# Details

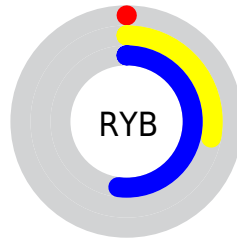
The Decimal color **34164** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8716305**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **5421992**, and **21060** is the 20% darker color. If you saturate the color by 10%, you get **34164**, and if you desaturate by 10%, it is **886134**.

# Distribution



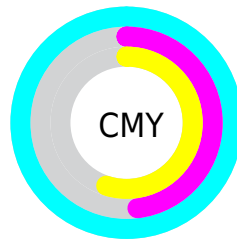
- Red (0%)
- Green (52%)
- Blue (45%)



- Red (0%)
- Yellow (28%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 34164 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 34164 by changing the saturation by 10% instead.



 34164  34164

16777215  27483

 5421992  21060

 7329731  15150

 9237727  9753

 11141116  0

 13041663

 14942207

 34164

 886134

■ 1803639

■ 2655609

■ 3507579

■ 4425085

■ 5277054

■ 6129024

■ 6980994

■ 7898499

# Harmonies

## Analogous

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



4620886



34164



34194

# Triad

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



34164



7827114



10512707

# Complementary

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



34164



8716305

# 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.



11362394



34164



10118293

# Square

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



34164



4422065



11296376



9008185

# Rectangle

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



34164



33442



11296376



10905162



# Sweetspot

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



34164



7974311



1213696



3626835



14079702



5723991



# Same Dimension

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



34164



44439



21637



3949121



33393



770



# Inverse Universe

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



8716305



11337750



8728832



4340797



8519697



196608



# Previews

## White Background



This preview shows how the Decimal color 34164 looks on a white background.

### Color Contrast Check

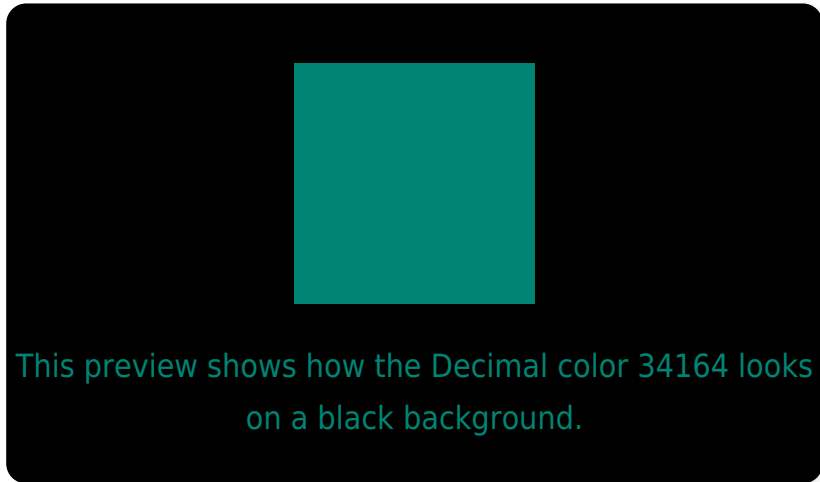
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

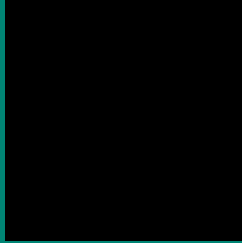
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 34164 Background



This preview shows how black text looks on a background with the Decimal color 34164.

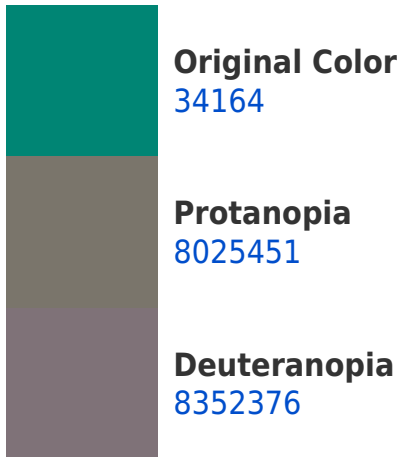


This preview shows how white text looks on a background with the Decimal color 34164.

# 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



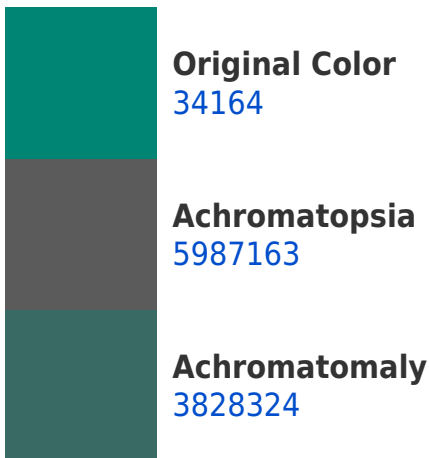


**Tritanopia**  
2392716

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 34164 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 #008574 looks like.

```
.text, #text, p{  
    color:#008574  
}
```

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 #008574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008574
}
```

## Border

The CSS property to change the border of an element to Decimal 34164 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
#008574 }
```

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

```
.border{ border-color:#008574 }
```

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

Here you see how a box with a 4 pixel #008574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008574; -webkit-box-shadow:4px 4px  
4px 4px #008574; box-shadow:4px 4px 4px  
4px #008574 }
```

# Background

The CSS property to change the background color of an element to Decimal 34164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008574 }
```

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

```
.background{ background-color:#008574 }
```

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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