

# Converting Colors

Decimal(33940)

Have a look what the booklet for  
Decimal(33940) contains.

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# Color

**Decimal(33940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008494
RGB	0, 132, 148
RGB Percent	0%, 52%, 58%
CMY	1.0000, 0.4824, 0.4196
CMYK	1.00, 0.11, 0.00, 0.42
HSL	186°, 100%, 29%
HSV	186°, 100%, 58%
XYZ	13.5966, 18.6406, 30.8984
YIQ	94.3560, -83.8080, -23.0080

# Conversions

## Conversions Part 2

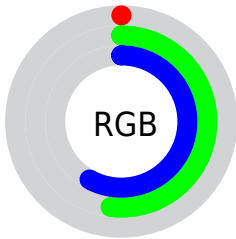
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 148
Decimal	33940
CIELab	50.26, -24.12, -17.18
CIElCh	50, 29.616, 215.456
Yxy	18.6406, 0.2154, 0.2952
Android (android.graphics.Color)	4278224020 (0xFF008494)
YUV	94.3560, 26.4465, -82.7502
Hunter-Lab	43.1748, -19.3429, -12.2089

# Details

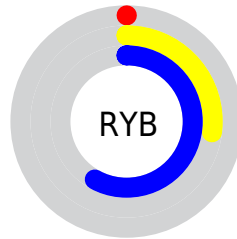
The Decimal color **33940** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9703424**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **5683658**, and **21089** is the 20% darker color. If you saturate the color by 10%, you get **33940**, and if you desaturate by 10%, it is **1017492**.

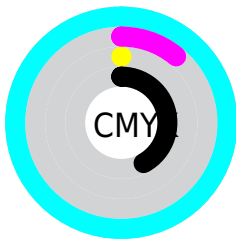
# Distribution



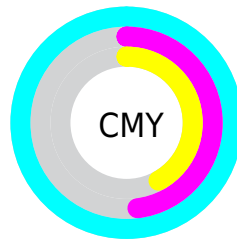
- Red (0%)
- Green (52%)
- Blue (58%)



- Red (0%)
- Yellow (27%)
- Blue (58%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



















- Cyan (100%)
- Magenta (48%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 33940 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 33940 by changing the saturation by 10% instead.



 33940	 33940
 16777215	 27514
 5683658	 21089
 7656934	 15178
 9564927	 9523
 11534335	 1054
 13434879	 1
 15400959	 0

 33940

 1017492

■ 2000788

■ 2918804

■ 3902100

■ 4885652

■ 5869204

■ 6852500

■ 7770516

■ 8753812

# Harmonies

## Analogous

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



2459004



33940



2916517

# Triad

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



33940



10184589



8681541

# Complementary

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



33940



9703424

# 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.



10055498



33940



11035764

# Square

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



33940



8482721



10905436



6913870

# Rectangle

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



33940



5012393



10905436



9205061



# Sweetspot

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



33940



8829375



37903



4087137



14737632



6381921



# Same Dimension

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



33940



43967



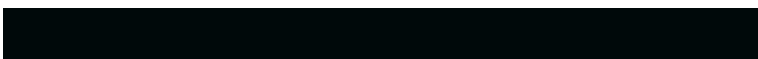
15252



4409674



31626



2314



# Inverse Universe

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



9699460



12517547



9722112



4866889



9044091



655369



# Previews

## White Background



This preview shows how the Decimal color 33940 looks on a white background.

## Color Contrast Check

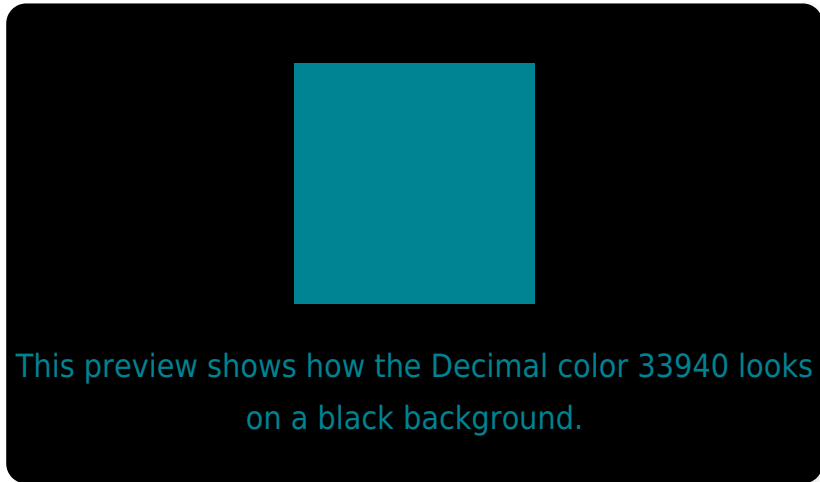
Large Text (above 18pt) WCAG AA ✓ Pass

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

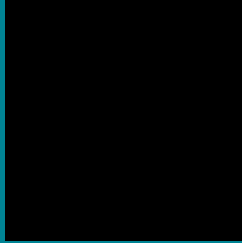
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 33940 Background



This preview shows how black text looks on a background with the Decimal color 33940.

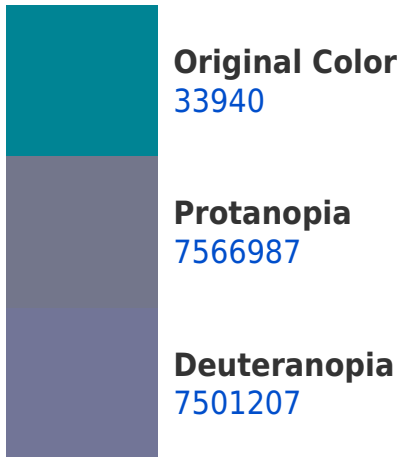


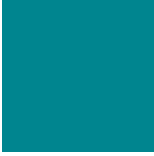
This preview shows how white text looks on a background with the Decimal color 33940.

# 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



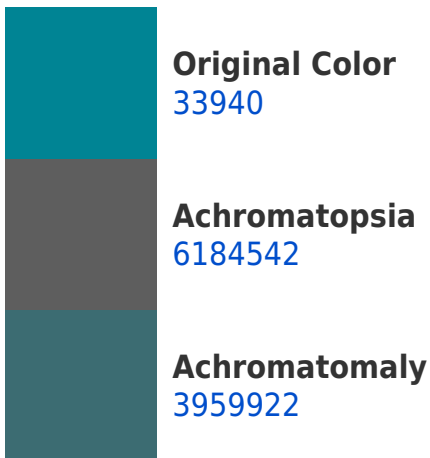


**Tritanopia**  
34191

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 33940 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 #008494 looks like.

```
.text, #text, p{  
    color:#008494  
}
```

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 #008494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008494
}
```

## Border

The CSS property to change the border of an element to Decimal 33940 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
#008494 }
```

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

```
.border{ border-color:#008494 }
```

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

Here you see how a box with a 4 pixel #008494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008494; -webkit-box-shadow:4px 4px  
4px 4px #008494; box-shadow:4px 4px 4px  
4px #008494 }
```

# Background

The CSS property to change the background color of an element to Decimal 33940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008494 }
```

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

```
.background{ background-color:#008494 }
```

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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