

Converting Colors

Decimal(34966)

Have a look what the booklet for
Decimal(34966) contains.

Decimal(34966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(34966)

Conversions

Conversions Part 1

Format	Color
Hex	008896
RGB	0, 136, 150
RGB Percent	0%, 53%, 59%
CMY	1.0000, 0.4667, 0.4118
CMYK	1.00, 0.09, 0.00, 0.41
HSL	186°, 100%, 29%
HSV	186°, 100%, 59%
XYZ	14.3092, 19.8103, 31.9238
YIQ	96.9320, -85.5500, -24.4780

Conversions

Conversions Part 2

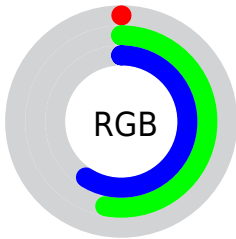
Format	Color
RYB	0, 71, 150
Decimal	34966
CIELab	51.62, -25.49, -16.28
CIELCh	52, 30.240, 212.564
Yxy	19.8103, 0.2167, 0.3000
Android (android.graphics.Color)	4278225046 (0xFF008896)
YUV	96.9320, 26.1625, -85.0094
Hunter-Lab	44.5088, -20.5042, -11.3694

Details

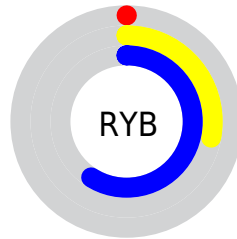
The Decimal color **34966** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9833984**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **5750476**, and **22115** is the 20% darker color. If you saturate the color by 10%, you get **34966**, and if you desaturate by 10%, it is **1018262**.

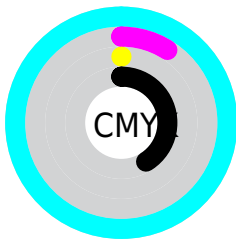
Distribution



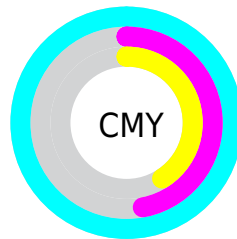
- Red (0%)
- Green (53%)
- Blue (59%)



- Red (0%)
- Yellow (28%)
- Blue (59%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (41%)



















- Cyan (100%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 34966 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 34966 by changing the saturation by 10% instead.

 34966	 34966
 16777215	 28284
 5750476	 22115
 7723752	 15947
 9697023	 10293
 11599871	 3360
 13565951	 4
 15532031	 0

 34966

 1018262

 2001814

 2985110

 3968662

 4951958

 5935254

 6918806

 7902102

 8885654

Harmonies

Analogous

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



2787708



34966



2720936

Triad

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



34966



10316691



9075271

Complementary

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



34966



9833984

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.



10449230



34966



11298682

Square

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



34966



8484007



11299425



7307855

Rectangle

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



34966



4882606



11299425



9598792

Sweetspot

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



34966



8961218



38412



4087393



14737632



6381921

Same Dimension

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



34966



45250



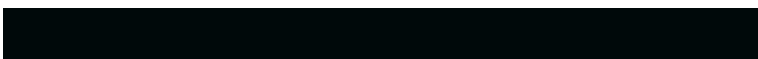
16278



4409674



32138



2314

Inverse Universe

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



9830536



12714160



9852928



4866889



9044093



655369

Previews

White Background



This preview shows how the Decimal color 34966 looks on a white background.

Color Contrast Check

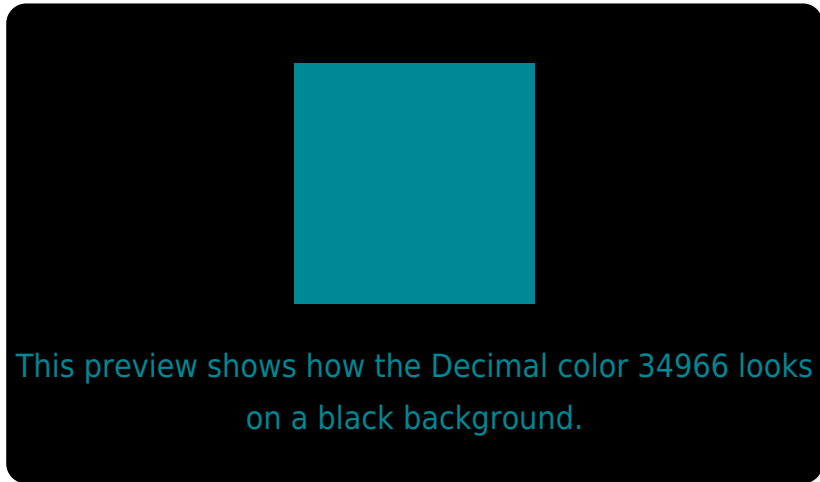
Large Text (above 18pt) WCAG AA ✓ Pass

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

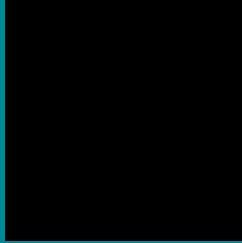
Any Text WCAG AA ✓ Pass

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 34966 Background



This preview shows how black text looks on a background with the Decimal color 34966.

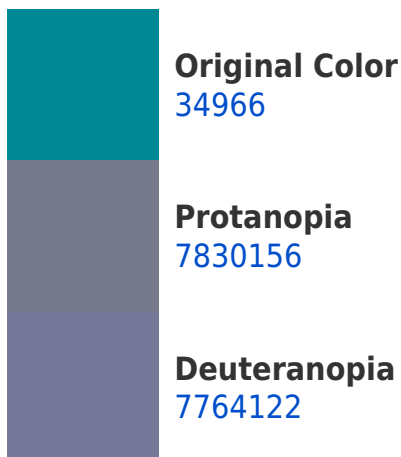


This preview shows how white text looks on a background with the Decimal color 34966.

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](#).

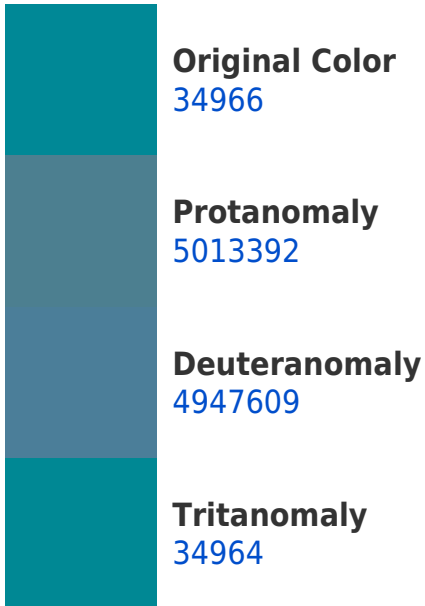
Dichromacy



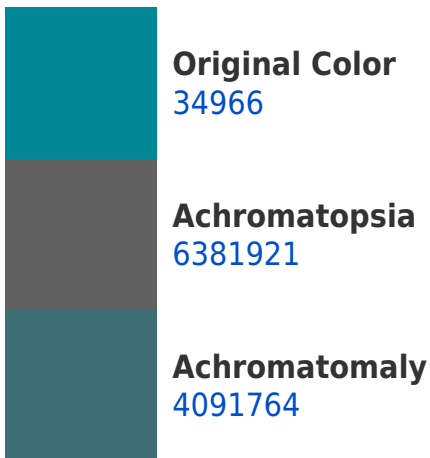


Tritanopia
34963

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 34966 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 #008896 looks like.

```
.text, #text, p{  
    color:#008896  
}
```

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 #008896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008896
}
```

Border

The CSS property to change the border of an element to Decimal 34966 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
#008896 }
```

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

```
.border{ border-color:#008896 }
```

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

Here you see how a box with a 4 pixel #008896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008896; -webkit-box-shadow:4px 4px  
4px 4px #008896; box-shadow:4px 4px 4px  
4px #008896 }
```

Background

The CSS property to change the background color of an element to Decimal 34966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008896 }
```

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

```
.background{ background-color:#008896 }
```

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