

Converting Colors

Decimal(34704)

Have a look what the booklet for
Decimal(34704) contains.

Decimal(34704)	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(34704)

Conversions

Conversions Part 1

Format	Color
Hex	008790
RGB	0, 135, 144
RGB Percent	0%, 53%, 56%
CMY	1.0000, 0.4706, 0.4353
CMYK	1.00, 0.06, 0.00, 0.44
HSL	184°, 100%, 28%
HSV	184°, 100%, 56%
XYZ	13.6980, 19.3416, 29.3969
YIQ	95.6610, -83.3490, -25.8210

Conversions

Conversions Part 2

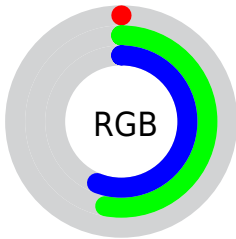
Format	Color
RYB	0, 70, 144
Decimal	34704
CIELab	51.08, -27.01, -13.60
CIELCh	51, 30.242, 206.727
Yxy	19.3416, 0.2194, 0.3098
Android (android.graphics.Color)	4278224784 (0xFF008790)
YUV	95.6610, 23.8311, -83.8947
Hunter-Lab	43.9790, -21.3665, -8.8459

Details

The Decimal color **34704** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9439488**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **5684678**, and **21854** is the 20% darker color. If you saturate the color by 10%, you get **34704**, and if you desaturate by 10%, it is **952464**.

Distribution



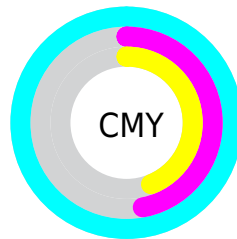
- Red (0%)
- Green (53%)
- Blue (56%)



- Red (0%)
- Yellow (27%)
- Blue (56%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 34704 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 34704 by changing the saturation by 10% instead.

 34704  34704

16777215  28022

 5684678  21854

 7657954  15686

 9565694  10032

 11468799  2331

 13434879  0

 15400959

 34704

 952464

■ 1935760

■ 2853520

■ 3836816

■ 4754320

■ 5672080

■ 6655376

■ 7573136

■ 8556432

Harmonies

Analogous

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



3245942



34704



1868964

Triad

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



34704



9989014



9271110

Complementary

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



34704



9439488

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.



10579535



34704



11101822

Square

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



34704



7894184



11233124



7569227

Rectangle

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



34704



4161707



11233124



9794631

Sweetspot

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



34704



8566714



36871



3955806



14606046



6184542

Same Dimension

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



34704



44986



16784



4212551



32647



1800

Inverse Universe

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



9437319



12189871



9457408



4669511



8847487



524295

Previews

White Background



This preview shows how the Decimal color 34704 looks on a white background.

Color Contrast Check

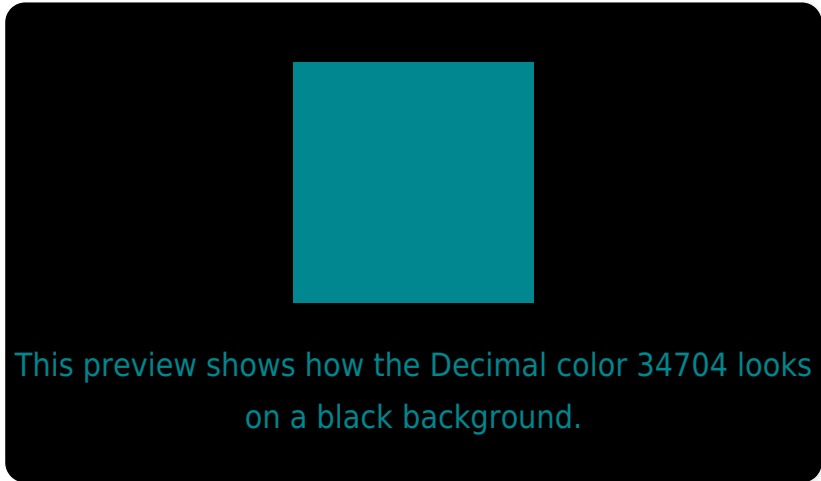
Large Text (above 18pt) WCAG AA ✓ Pass

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

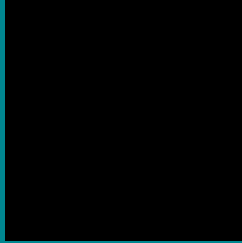
Any Text WCAG AA ✓ Pass

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 34704 Background



This preview shows how black text looks on a background with the Decimal color 34704.

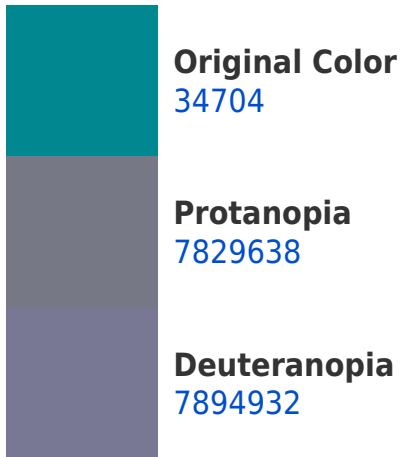


This preview shows how white text looks on a background with the Decimal color 34704.

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](#).

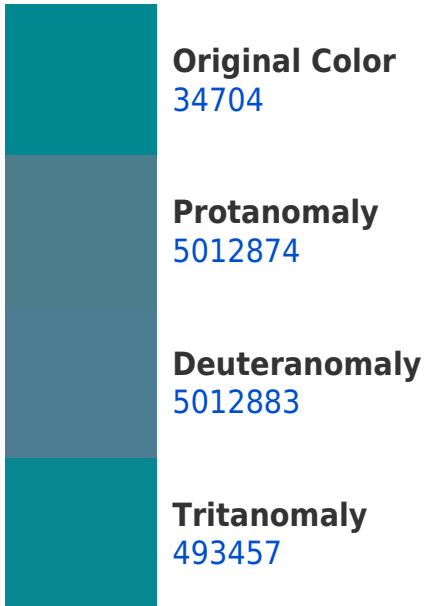
Dichromacy



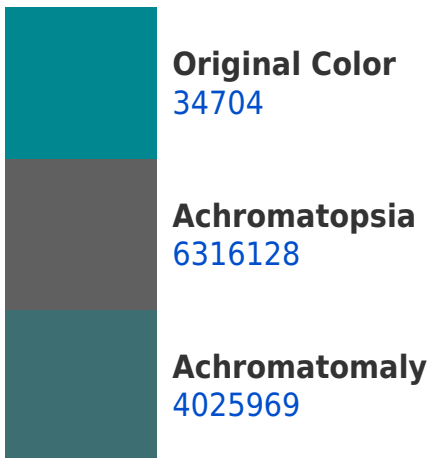


Tritanopia
755602

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 34704 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 #008790 looks like.

```
.text, #text, p{  
    color:#008790  
}
```

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 #008790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008790
}
```

Border

The CSS property to change the border of an element to Decimal 34704 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
#008790 }
```

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

```
.border{ border-color:#008790 }
```

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

Here you see how a box with a 4 pixel #008790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008790; -webkit-box-shadow:4px 4px  
4px 4px #008790; box-shadow:4px 4px 4px  
4px #008790 }
```

Background

The CSS property to change the background color of an element to Decimal 34704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008790 }
```

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

```
.background{ background-color:#008790 }
```

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