

Converting Colors

Decimal(33679)

Have a look what the booklet for
Decimal(33679) contains.

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Color

Decimal(33679)

Conversions

Conversions Part 1

Format	Color
Hex	00838F
RGB	0, 131, 143
RGB Percent	0%, 51%, 56%
CMY	1.0000, 0.4863, 0.4392
CMYK	1.00, 0.08, 0.00, 0.44
HSL	185°, 100%, 28%
HSV	185°, 100%, 56%
XYZ	13.0742, 18.2158, 28.8135
YIQ	93.1990, -81.9280, -24.0400

Conversions

Conversions Part 2

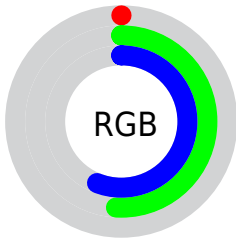
Format	Color
RYB	0, 68, 143
Decimal	33679
CIELab	49.76, -25.33, -15.03
CIELCh	50, 29.453, 210.683
Yxy	18.2158, 0.2175, 0.3031
Android (android.graphics.Color)	4278223759 (0xFF00838F)
YUV	93.1990, 24.5519, -81.7355
Hunter-Lab	42.6799, -20.0096, -10.1511

Details

The Decimal color **33679** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9374720**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **5617861**, and **20829** is the 20% darker color. If you saturate the color by 10%, you get **33679**, and if you desaturate by 10%, it is **951439**.

Distribution



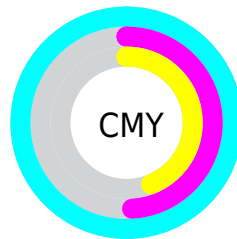
- Red (0%)
- Green (51%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33679 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 33679 by changing the saturation by 10% instead.

 33679  33679

16777215  27253

 5617861  20829

 7591137  14917

 9499133  9263

 11403263  283

 13369343  0

 15269887

 33679

 951439

■ 1934735

■ 2852751

■ 3770511

■ 4753807

■ 5671567

■ 6589327

■ 7507343

■ 8490639

Harmonies

Analogous

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



2851958



33679



2391969

Triad

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



33679



9856911



8811844

Complementary

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



33679



9374720

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.



10120267



33679



10838903

Square

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



33679



8024225



10904926



7109706

Rectangle

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



33679



4488103



10904926



9335365

Sweetspot

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



33679



8566202



36620



3955550



14606046



6184542

Same Dimension

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



33679



43962



15503



4212551



31879



1800

Inverse Universe

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



9371779



12189867



9392896



4669511



8847484



524295

Previews

White Background



This preview shows how the Decimal color 33679 looks on a white background.

Color Contrast Check

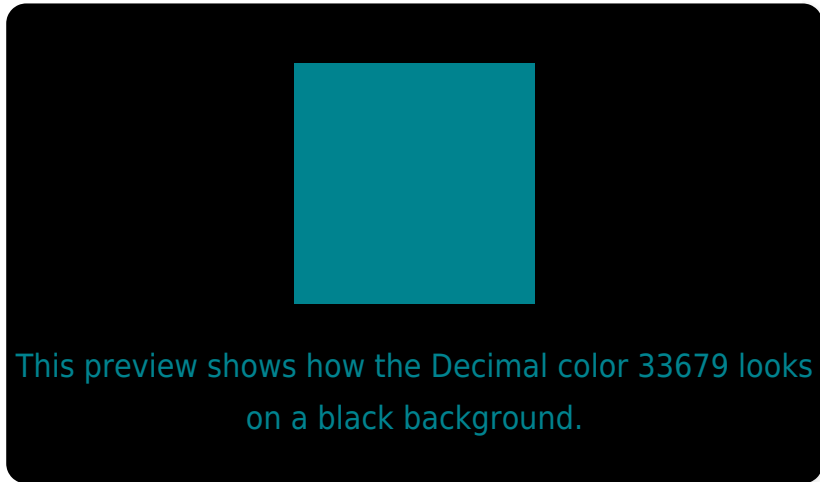
Large Text (above 18pt) WCAG AA ✓ Pass

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

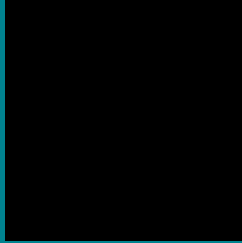
Any Text WCAG AA ✓ Pass

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 33679 Background



This preview shows how black text looks on a background with the Decimal color 33679.

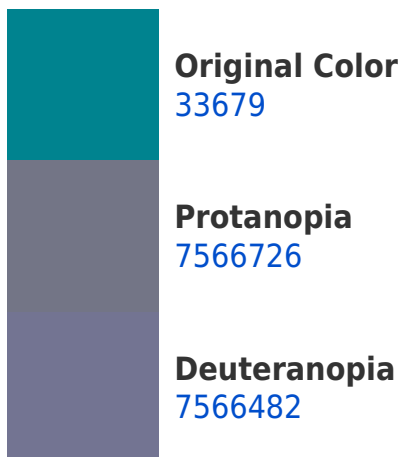


This preview shows how white text looks on a background with the Decimal color 33679.

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
33678

Trichromacy



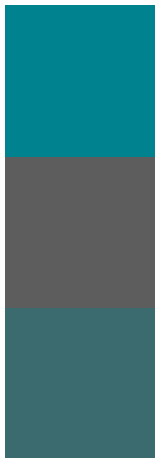
Original Color
33679

Protanomaly
4815497

Deuteranomaly
4815249

Tritanomaly
33678

Monochromacy



Original Color
33679

Achromatopsia
6118749

Achromatomaly
3894127

CSS Examples

Text

The CSS property to change the color of the text to Decimal 33679 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 #00838F looks like.

```
.text, #text, p{  
    color:#00838F  
}
```

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 #00838F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00838F
}
```

Border

The CSS property to change the border of an element to Decimal 33679 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
#00838F }
```

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

```
.border{ border-color:#00838F }
```

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

Here you see how a box with a 4 pixel #00838F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00838F; -webkit-box-shadow:4px 4px  
4px 4px #00838F; box-shadow:4px 4px 4px  
4px #00838F }
```

Background

The CSS property to change the background color of an element to Decimal 33679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00838F }
```

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

```
.background{ background-color:#00838F }
```

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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