

Converting Colors

Decimal(29340)

Have a look what the booklet for
Decimal(29340) contains.

Decimal(29340)	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(29340)

Conversions

Conversions Part 1

Format	Color
Hex	00729C
RGB	0, 114, 156
RGB Percent	0%, 45%, 61%
CMY	1.0000, 0.5529, 0.3882
CMYK	1.00, 0.27, 0.00, 0.39
HSL	196°, 100%, 31%
HSV	196°, 100%, 61%
XYZ	12.0181, 14.4349, 33.6053
YIQ	84.7020, -81.4260, -11.1060

Conversions

Conversions Part 2

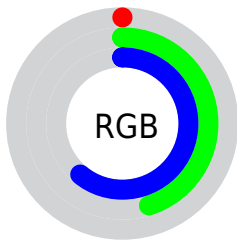
Format	Color
RYB	0, 66, 156
Decimal	29340
CIELab	44.85, -11.33, -30.24
CIELCh	45, 32.296, 249.468
Yxy	14.4349, 0.2001, 0.2403
Android (android.graphics.Color)	4278219420 (0xFF00729C)
YUV	84.7020, 35.1499, -74.2837
Hunter-Lab	37.9933, -10.0251, -25.8470

Details

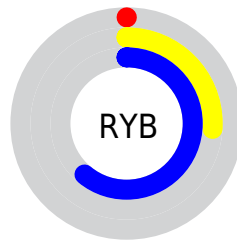
The Decimal color **29340** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10234368**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **5678803**, and **17000** is the 20% darker color. If you saturate the color by 10%, you get **29340**, and if you desaturate by 10%, it is **1078940**.

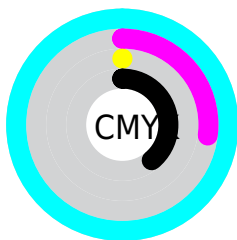
Distribution



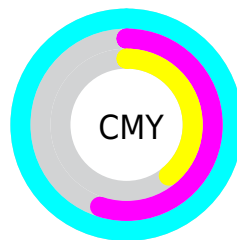
- Red (0%)
- Green (45%)
- Blue (61%)



- Red (0%)
- Yellow (26%)
- Blue (61%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 29340 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 29340 by changing the saturation by 10% instead.

 29340  29340

16777215  23170

 5678803  17000

 7651823  11344

 9559551  6457

 11467263  547

 13369343  10

 15335423  0

 29340

 1078940

■ 2063004

■ 3112860

■ 4096924

■ 5146524

■ 6196124

■ 7180188

■ 8230044

■ 9214108

Harmonies

Analogous

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



30603



29340



5139103

Triad

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



29340



10310755



5599807

Complementary

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



29340



10234368

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.



7498548



29340



10115401

Square

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



29340



9590654



9069112



3241814

Rectangle

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



29340



7103385



9069112



6320186

Sweetspot

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



29340



9419980



39978



4283494



15132390



6710886

Same Dimension

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



29340



38348



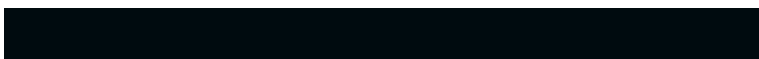
9372



4672847



26767



2831

Inverse Universe

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



10223730



13369493



10254336



5195597



9371752



983051

Previews

White Background



This preview shows how the Decimal color 29340 looks on a white background.

Color Contrast Check

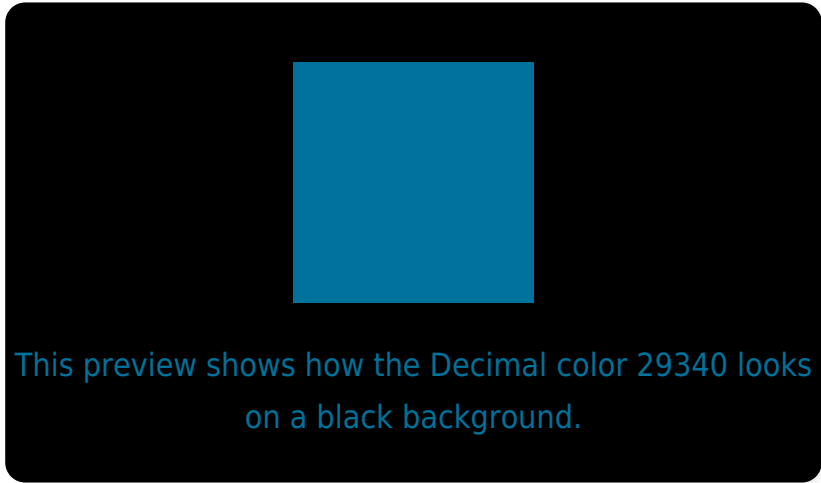
Large Text (above 18pt) WCAG AA ✓ Pass

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

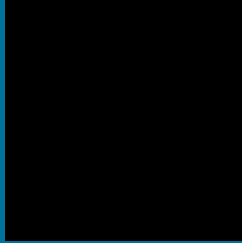
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 29340 Background



This preview shows how black text looks on a background with the Decimal color 29340.

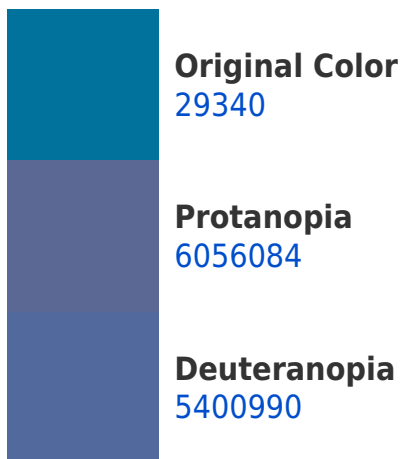


This preview shows how white text looks on a background with the Decimal color 29340.

Color Blindness Simulation

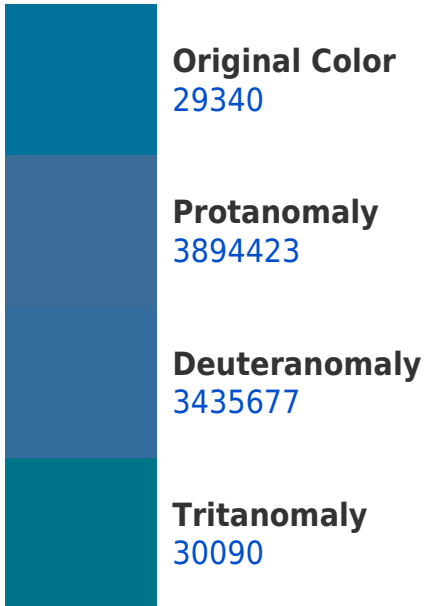
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 29340 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 #00729C looks like.

```
.text, #text, p{  
    color:#00729C  
}
```

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 #00729C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00729C
}
```

Border

The CSS property to change the border of an element to Decimal 29340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

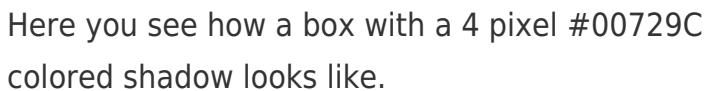
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00729C }
```

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

```
.border{ border-color:#00729C }
```

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



Here you see how a box with a 4 pixel #00729C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00729C; -webkit-box-shadow:4px 4px  
4px 4px #00729C; box-shadow:4px 4px 4px  
4px #00729C }
```

Background

The CSS property to change the background color of an element to Decimal 29340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00729C }
```

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

```
.background{ background-color:#00729C }
```

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