

Converting Colors

Decimal(29596)

Have a look what the booklet for
Decimal(29596) contains.

Decimal(29596)	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(29596)

Conversions

Conversions Part 1

Format	Color
Hex	00739C
RGB	0, 115, 156
RGB Percent	0%, 45%, 61%
CMY	1.0000, 0.5490, 0.3882
CMYK	1.00, 0.26, 0.00, 0.39
HSL	196°, 100%, 31%
HSV	196°, 100%, 61%
XYZ	12.1315, 14.6618, 33.6431
YIQ	85.2890, -81.7010, -11.6290

Conversions

Conversions Part 2

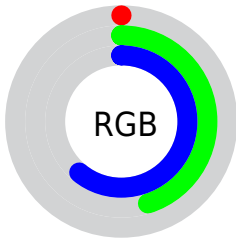
Format	Color
RYB	0, 66, 156
Decimal	29596
CIELab	45.17, -11.91, -29.75
CIELCh	45, 32.043, 248.186
Yxy	14.6618, 0.2007, 0.2426
Android (android.graphics.Color)	4278219676 (0xFF00739C)
YUV	85.2890, 34.8605, -74.7985
Hunter-Lab	38.2907, -10.4553, -25.2901

Details

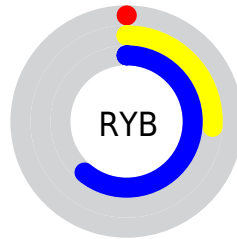
The Decimal color **29596** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10234112**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **5679059**, and **17256** is the 20% darker color. If you saturate the color by 10%, you get **29596**, and if you desaturate by 10%, it is **1079196**.

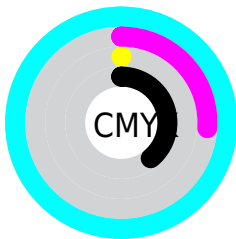
Distribution



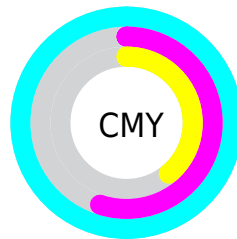
- Red (0%)
- Green (45%)
- Blue (61%)



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



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (39%)



















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

Brightness & Saturation Gradients

These gradients show how the Decimal color 29596 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 29596 by changing the saturation by 10% instead.

 29596	 29596
 16777215	 23170
 5679059	 17256
 7652079	 11600
 9559807	 6457
 11467775	 547
 13434879	 10
 15335423	 0

 29596

 1079196

■ 2063260

■ 3112860

■ 4096924

■ 5146524

■ 6196380

■ 7180444

■ 8230044

■ 9214108

Harmonies

Analogous

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



30859



29596



5073824

Triad

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



29596



10376548



5796672

Complementary

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



29596



10234112

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.



7629877



29596



10180939

Square

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



29596



9590911



9200185



3438422

Rectangle

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



29596



7038362



9200185



6451514

Sweetspot

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



29596



9419980



39975



4283494



15132390



6710886

Same Dimension

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



29596



38604



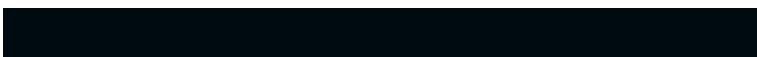
10140



4672847



27023



2831

Inverse Universe

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



10223731



13369494



10253568



5195597



9371753



983051

Previews

White Background



This preview shows how the Decimal color 29596 looks on a white background.

Color Contrast Check

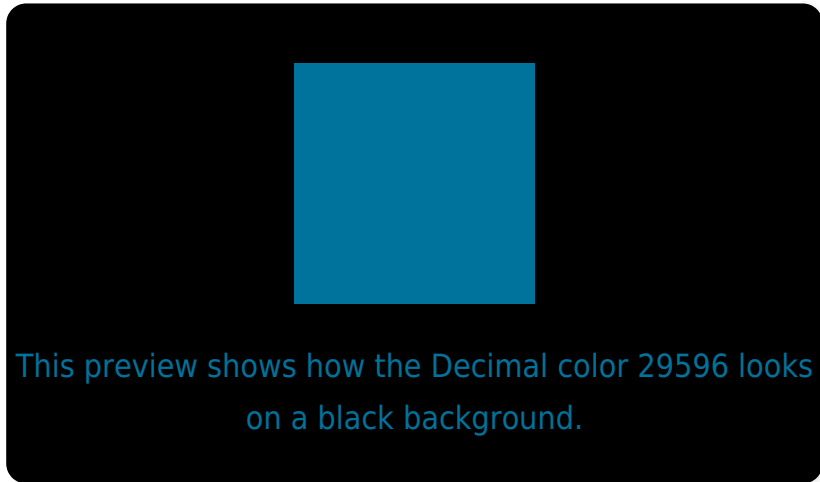
Large Text (above 18pt) WCAG AA ✓ Pass

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

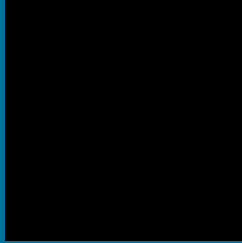
Any Text WCAG AA × Fail

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 29596 Background



This preview shows how black text looks on a background with the Decimal color 29596.



This preview shows how white text looks on a background with the Decimal color 29596.

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](#).

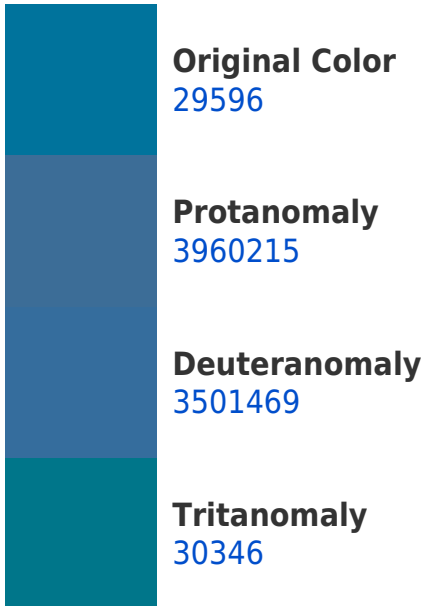
Dichromacy





Tritanopia
30592

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 29596 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 #00739C looks like.

```
.text, #text, p{  
    color:#00739C  
}
```

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 #00739C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00739C
}
```

Border

The CSS property to change the border of an element to Decimal 29596 is called "border". The border property can be set on classes, ids or directly on the HTML element.

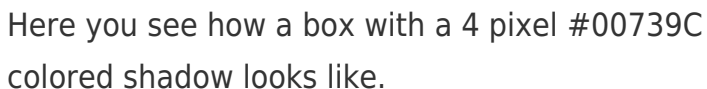
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00739C }
```

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

```
.border{ border-color:#00739C }
```

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



Here you see how a box with a 4 pixel #00739C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00739C; -webkit-box-shadow:4px 4px  
4px 4px #00739C; box-shadow:4px 4px 4px  
4px #00739C }
```

Background

The CSS property to change the background color of an element to Decimal 29596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00739C }
```

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

```
.background{ background-color:#00739C }
```

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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