

Converting Colors

Decimal(28028)

Have a look what the booklet for
Decimal(28028) contains.

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Color

Decimal(28028)

Conversions

Conversions Part 1

Format	Color
Hex	006D7C
RGB	0, 109, 124
RGB Percent	0%, 43%, 49%
CMY	1.0000, 0.5725, 0.5137
CMYK	1.00, 0.12, 0.00, 0.51
HSL	187°, 100%, 24%
HSV	187°, 100%, 49%
XYZ	9.1067, 12.3925, 20.9808
YIQ	78.1190, -69.7790, -18.4430

Conversions

Conversions Part 2

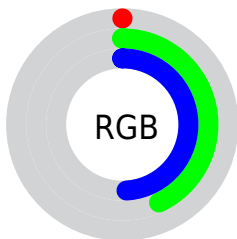
Format	Color
RYB	0, 58, 124
Decimal	28028
CIELab	41.83, -20.49, -15.81
CIELCh	42, 25.876, 217.650
Yxy	12.3925, 0.2144, 0.2917
Android (android.graphics.Color)	4278218108 (0xFF006D7C)
YUV	78.1190, 22.6193, -68.5104
Hunter-Lab	35.2030, -15.4288, -10.6944

Details

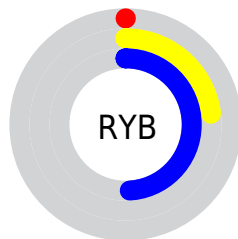
The Decimal color **28028** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8130304**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **5153201**, and **15691** is the 20% darker color. If you saturate the color by 10%, you get **28028**, and if you desaturate by 10%, it is **814716**.

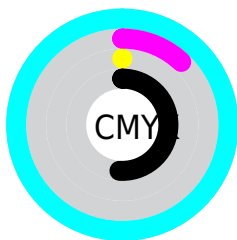
Distribution



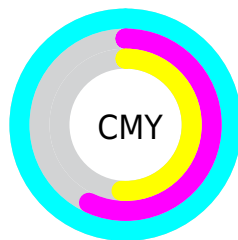
- Red (0%)
- Green (43%)
- Blue (49%)



- Red (0%)
- Yellow (23%)
- Blue (49%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (51%)




















- Cyan (100%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 28028 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 28028 by changing the saturation by 10% instead.

 28028	 28028
 16777215	 21603
 5153201	 15691
 7060684	 10036
 8902888	 3616
 10810623	 4
 12648447	 0
 14614527	
 16515071	
 28028	

■ 814716

■ 1667196

■ 2454140

■ 3306364

■ 4093308

■ 4879996

■ 5732220

■ 6519164

■ 7371644

Harmonies

Analogous

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



1732200



28028



2517386

Triad

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



28028



8541299



7037752

Complementary

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



28028



8130304

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.



8281148



28028



9196126

Square

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



28028



7101316



9065802



5531968

Rectangle

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



28028



4220301



9065802



7495992

Sweetspot

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



28028



7379873



31758



3427922



13750737



5395026

Same Dimension

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



28028



36257



12412



3619901



28285



57084

Inverse Universe

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



8126573



10551437



8145920



4011836



8192110



16515294

Previews

White Background



This preview shows how the Decimal color 28028 looks on a white background.

Color Contrast Check

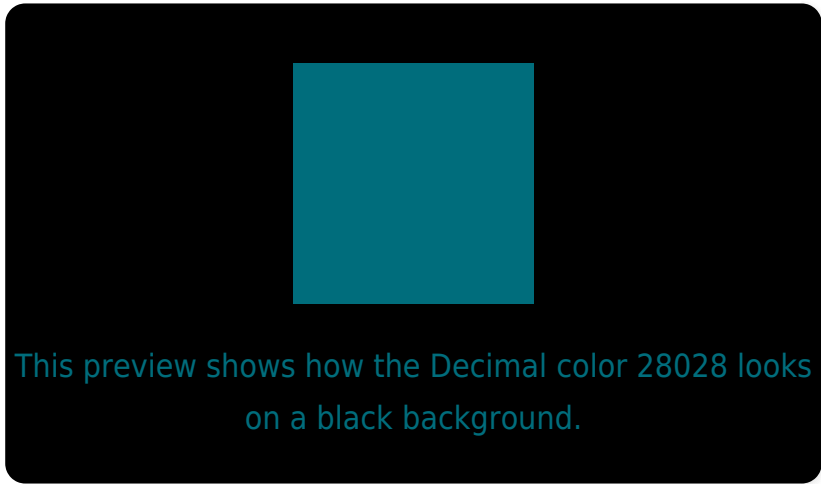
Large Text (above 18pt) WCAG AA ✓ Pass

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

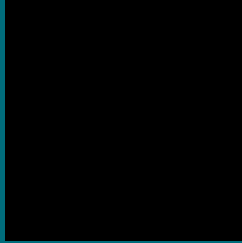
Any Text WCAG AA × Fail

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 28028 Background



This preview shows how black text looks on a background with the Decimal color 28028.

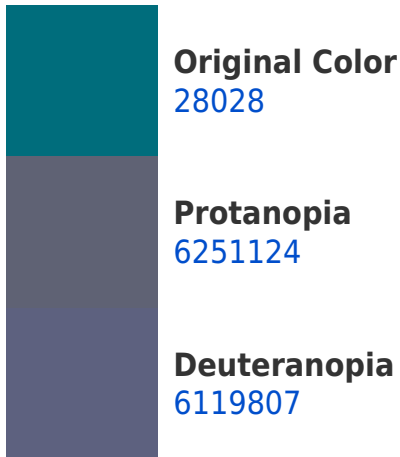


This preview shows how white text looks on a background with the Decimal color 28028.

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](#).

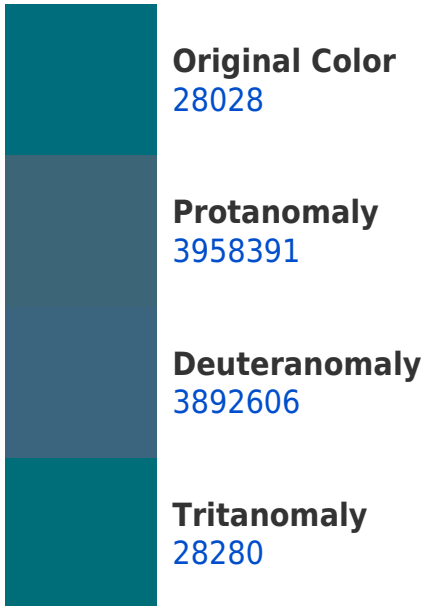
Dichromacy



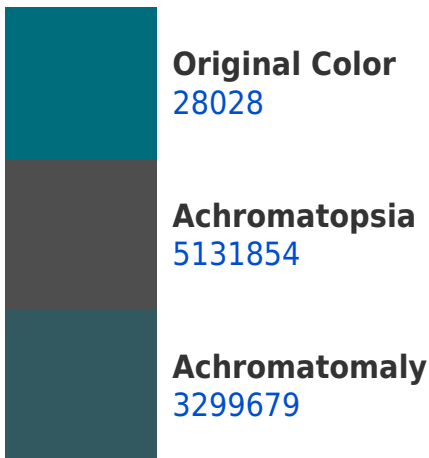


Tritanopia
28278

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 28028 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 #006D7C looks like.

```
.text, #text, p{  
  color:#006D7C  
}
```

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 #006D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006D7C
}
```

Border

The CSS property to change the border of an element to Decimal 28028 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
#006D7C }
```

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

```
.border{ border-color:#006D7C }
```

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

Here you see how a box with a 4 pixel #006D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006D7C; -webkit-box-shadow:4px 4px  
4px 4px #006D7C; box-shadow:4px 4px 4px  
4px #006D7C }
```

Background

The CSS property to change the background color of an element to Decimal 28028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006D7C }
```

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

```
.background{ background-color:#006D7C }
```

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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