

Converting Colors

Decimal(30330)

Have a look what the booklet for
Decimal(30330) contains.

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Color

Decimal(30330)

Conversions

Conversions Part 1

Format	Color
Hex	00767A
RGB	0, 118, 122
RGB Percent	0%, 46%, 48%
CMY	1.0000, 0.5373, 0.5216
CMYK	1.00, 0.03, 0.00, 0.52
HSL	182°, 100%, 24%
HSV	182°, 100%, 48%
XYZ	9.9913, 14.3620, 20.6579
YIQ	83.1740, -71.6120, -23.7720

Conversions

Conversions Part 2

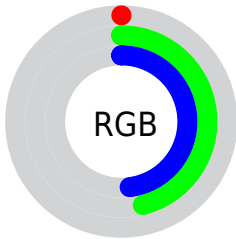
Format	Color
RYB	0, 60, 122
Decimal	30330
CIELab	44.75, -25.87, -10.19
CIELCh	45, 27.802, 201.490
Yxy	14.3620, 0.2220, 0.3191
Android (android.graphics.Color)	4278220410 (0xFF00767A)
YUV	83.1740, 19.1412, -72.9436
Hunter-Lab	37.8972, -19.2602, -5.7911

Details

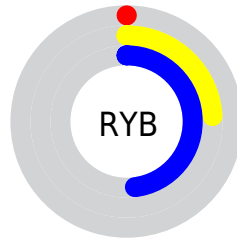
The Decimal color **30330** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7996416**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **5286830**, and **17737** is the 20% darker color. If you saturate the color by 10%, you get **30330**, and if you desaturate by 10%, it is **816762**.

Distribution



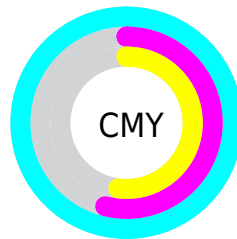
- Red (0%)
- Green (46%)
- Blue (48%)



- Red (0%)
- Yellow (24%)
- Blue (48%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 30330 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 30330 by changing the saturation by 10% instead.

 30330  30330

16777215  23905

 5286830  17737

 7128778  11827

 9036518  6686

 10878975  3

 12779519  0

 14745599

 16646143

 30330

■ 816762

■ 1603450

■ 2455418

■ 3242106

■ 4028538

■ 4814970

■ 5601658

■ 6453626

■ 7240314

Harmonies

Analogous

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



3044962



30330



488589

Triad

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



30330



8478343



8349244

Complementary

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



30330



7996416

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.



9395782



30330



9590897

Square

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



30330



6514325



9918554



6843966

Rectangle

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



30330



2912405



9918554



8741694

Sweetspot

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



30330



7314846



31234



3362383



13619151



5197647

Same Dimension

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



30330



39326



15226



3620157



31101



62716

Inverse Universe

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



7995510



10354841



8011520



4011837



8192121



16515316

Previews

White Background



This preview shows how the Decimal color 30330 looks on a white background.

Color Contrast Check

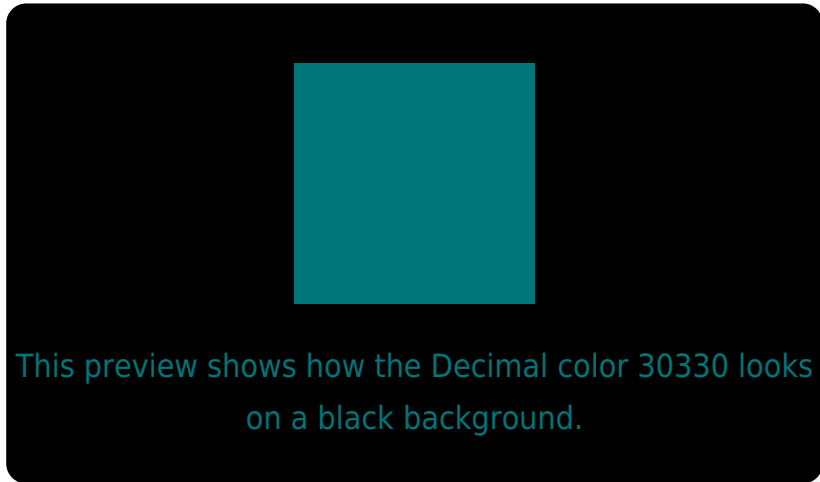
Large Text (above 18pt) WCAG AA ✓ Pass

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

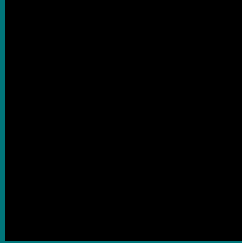
Any Text WCAG AA × Fail

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 30330 Background



This preview shows how black text looks on a background with the Decimal color 30330.

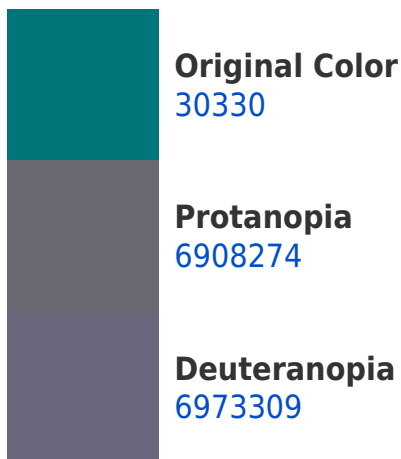



This preview shows how white text looks on a background with the Decimal color 30330.

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
1144191

Trichromacy



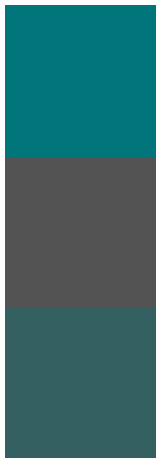
Original Color
30330

Protanomaly
4419189

Deuteranomaly
4418684

Tritanomaly
750973

Monochromacy



Original Color
30330

Achromatopsia
5460819

Achromatomaly
3498081

CSS Examples

Text

The CSS property to change the color of the text to Decimal 30330 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 #00767A looks like.

```
.text, #text, p{  
    color:#00767A  
}
```

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 #00767A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00767A
}
```

Border

The CSS property to change the border of an element to Decimal 30330 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
#00767A }
```

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

```
.border{ border-color:#00767A }
```

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

Here you see how a box with a 4 pixel #00767A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00767A; -webkit-box-shadow:4px 4px  
4px 4px #00767A; box-shadow:4px 4px 4px  
4px #00767A }
```

Background

The CSS property to change the background color of an element to Decimal 30330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00767A }
```

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

```
.background{ background-color:#00767A }
```

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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