

Converting Colors

Decimal(30317)

Have a look what the booklet for
Decimal(30317) contains.

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Color

Decimal(30317)

Conversions

Conversions Part 1

Format	Color
Hex	00766D
RGB	0, 118, 109
RGB Percent	0%, 46%, 43%
CMY	1.0000, 0.5373, 0.5725
CMYK	1.00, 0.00, 0.08, 0.54
HSL	175°, 100%, 23%
HSV	175°, 100%, 46%
XYZ	9.2388, 14.0610, 16.6951
YIQ	81.6920, -67.4390, -27.8150

Conversions

Conversions Part 2

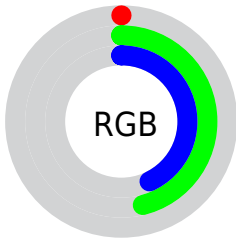
Format	Color
RYB	0, 61, 118
Decimal	30317
CIELab	44.32, -30.11, -3.05
CIELCh	44, 30.261, 185.777
Yxy	14.0610, 0.2310, 0.3516
Android (android.graphics.Color)	4278220397 (0xFF00766D)
YUV	81.6920, 13.4628, -71.6439
Hunter-Lab	37.4980, -21.6427, -0.1489

Details

The Decimal color **30317** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7733257**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **5155744**, and **17726** is the 20% darker color. If you saturate the color by 10%, you get **30317**, and if you desaturate by 10%, it is **816750**.

Distribution



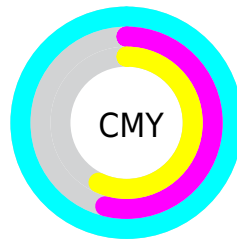
- Red (0%)
- Green (46%)
- Blue (43%)



- Red (0%)
- Yellow (24%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 30317 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 30317 by changing the saturation by 10% instead.

 30317  30317

16777215  23893

 5155744  17726

 6997691  11816

 8840151  6164

 10747891  0

 12648447

 14548991

 16449535

 30317

■ 816750

■ 1603183

■ 2324080

■ 3110513

■ 3896945

■ 4683378

■ 5469811

■ 6190708

■ 6977141

Harmonies

Analogous

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



3765331



30317



30085

Triad

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



30317



7495826



9003067

Complementary

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



30317



7733257

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.



9918541



30317



9197694

Square

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



30317



4876955



9983077



7629110

Rectangle

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



30317



29586



9983077



9395520

Sweetspot

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



30317



7051669



685568



3231050



13421772



5066061

Same Dimension

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



30317



39309



17782



3488570



31345



64231

Inverse Universe

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



7733257



10027020



7745792



3880245



7995401



16384019

Previews

White Background



This preview shows how the Decimal color 30317 looks on a white background.

Color Contrast Check

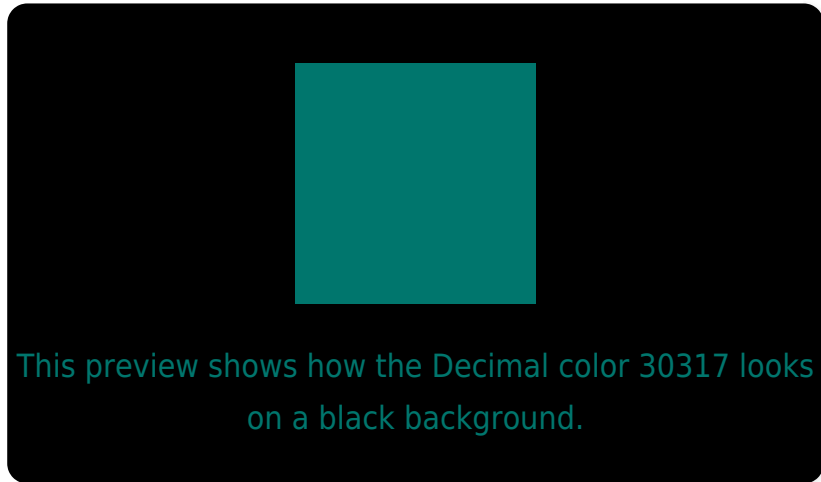
Large Text (above 18pt) WCAG AA ✓ Pass

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

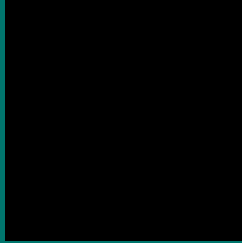
Any Text WCAG AA × Fail

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 30317 Background



This preview shows how black text looks on a background with the Decimal color 30317.

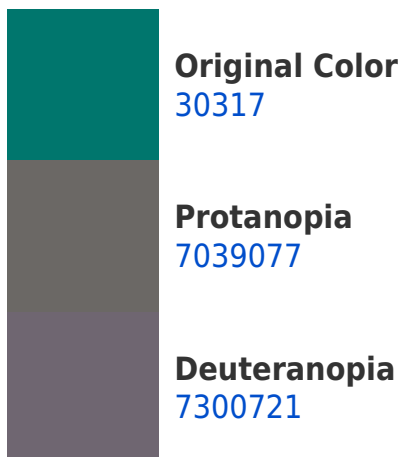


This preview shows how white text looks on a background with the Decimal color 30317.

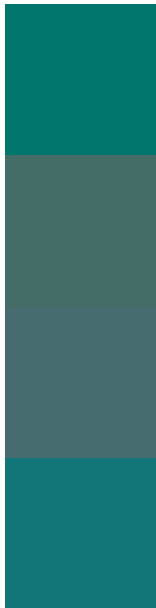
Color Blindness Simulation

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



Original Color
30317

Protanomaly
4484456

Deuteranomaly
4680816

Tritanomaly
1209719

Monochromacy



Original Color
30317

Achromatopsia
5395026

Achromatomaly
3432284

CSS Examples

Text

The CSS property to change the color of the text to Decimal 30317 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 #00766D looks like.

```
.text, #text, p{  
    color:#00766D  
}
```

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 #00766D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00766D
}
```

Border

The CSS property to change the border of an element to Decimal 30317 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
#00766D }
```

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

```
.border{ border-color:#00766D }
```

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

Here you see how a box with a 4 pixel #00766D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00766D; -webkit-box-shadow:4px 4px  
4px 4px #00766D; box-shadow:4px 4px 4px  
4px #00766D }
```

Background

The CSS property to change the background color of an element to Decimal 30317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00766D }
```

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

```
.background{ background-color:#00766D }
```

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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