

# Converting Colors

Android(4278226295)

Have a look what the booklet for  
Android(4278226295) contains.

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# Color

**Android(4278226295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008D77
RGB	0, 141, 119
RGB Percent	0%, 55%, 47%
CMY	1.0000, 0.4471, 0.5333
CMYK	1.00, 0.00, 0.16, 0.45
HSL	171°, 100%, 28%
HSV	171°, 100%, 55%
XYZ	12.8547, 20.3817, 20.7093
YIQ	96.3330, -76.9740, -36.7340

# Conversions

## Conversions Part 2

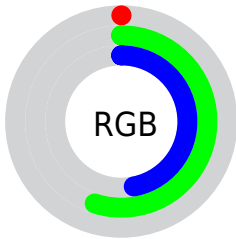
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 76, 141
Decimal	36215
CIELab	52.27, -37.60, 2.68
CIELCh	52, 37.694, 175.920
Yxy	20.3817, 0.2383, 0.3778
Android (android.graphics.Color)	4278226295 (0xFF008D77)
YUV	96.3330, 11.1748, -84.4840
Hunter-Lab	45.1461, -28.1804, 4.4048

# Details

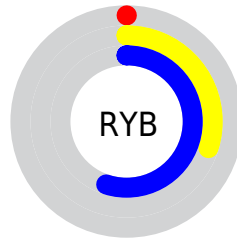
The Android color `4278226295` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287430678`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4283745195`, and `4278213191` is the 20% darker color. If you saturate the color by 10%, you get `4278226295`, and if you desaturate by 10%, it is `4279143801`.

# Distribution



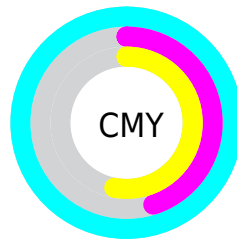
- Red (0%)
- Green (55%)
- Blue (47%)



- Red (0%)
- Yellow (30%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278226295 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 Android color 4278226295 by changing the saturation by 10% instead.



 4278226295

 4278226295

4294967295

 4278219614

 4283745195

 4278213191

 4285718726


 4278206768

 4287626722

 4278201116

 4289527807

 4278193921

 4291428351

 4278190080

 4293394431

 4278226295

 4279143801

 4280061307

 4280978814

 4281896320

 4282879362

 4283796868

 4284714374

 4285631881

 4286549387

# Harmonies

## Analogous

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



4283271767



4278226295



4278226328

# Triad

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



4278226295



4286084791



4289556040

# Complementary

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



4278226295



4287430678

# 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.



4290339938



4278226295



4288768673

# Square

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



4278226295



4282089917



4290142850



4287920443

# Rectangle

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



4278226295



4278225834



4290142850



4289882704



# Sweetspot

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



4278226295



4286691503



4279733504



4282080343



4292598747



4284243036



# Same Dimension

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



4278226295



4278237339



4278214285



4282402630



4278224754



4278192134



# Inverse Universe

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



4287430678



4290248733



4287442688



4282859585



4287037461



4278714369



# Previews

## White Background



This preview shows how the Android color 4278226295 looks on a white background.

## Color Contrast Check

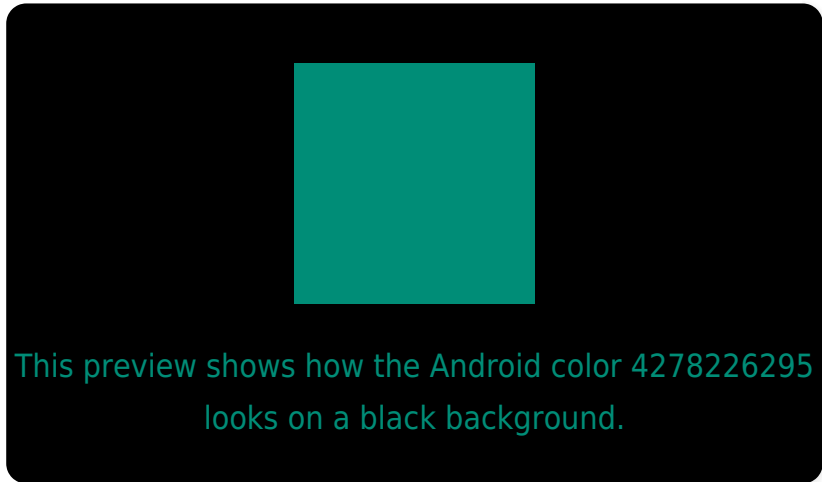
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4278226295 Background



This preview shows how black text looks on a background with the Android color 4278226295.

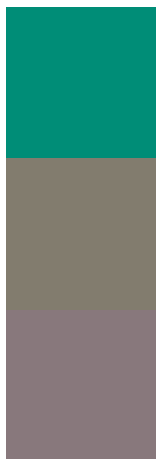


This preview shows how white text looks on a background with the Android color 4278226295.

# 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



**Original Color**  
4278226295

**Protanopia**  
4286741614

**Deuteranopia**  
4287133820



# Trichromacy



**Original Color**  
4278226295

**Protanomaly**  
4283662961

**Deuteranomaly**  
4283924602

**Tritanomaly**  
4279863945

# Monochromacy



**Original Color**  
4278226295

**Achromatopsia**  
4284506208

**Achromatomaly**  
4282216552

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278226295 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 `rgb(0, 141, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 119)  
}
```

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 rgb(0, 141, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 119) }
```

## Border

The CSS property to change the border of an element to Android 4278226295 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 rgb(0, 141, 119) }
```

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

```
.border{ border-color:rgb(0, 141, 119) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
119) }
```

# Background

The CSS property to change the background color of an element to Android 4278226295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 119) }
```

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

```
.background{ background-color: rgb(0, 141,  
119) }
```

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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