

# Converting Colors

Android(4278217095)

Have a look what the booklet for  
Android(4278217095) contains.

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# Color

**Android(4278217095)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006987
RGB	0, 105, 135
RGB Percent	0%, 41%, 53%
CMY	1.0000, 0.5882, 0.4706
CMYK	1.00, 0.22, 0.00, 0.47
HSL	193°, 100%, 26%
HSV	193°, 100%, 53%
XYZ	9.4247, 11.8524, 24.7127
YIQ	77.0250, -72.2100, -12.9300

# Conversions

## Conversions Part 2

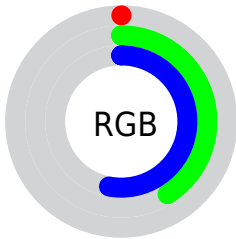
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 59, 135
Decimal	27015
CIELab	40.98, -14.18, -23.75
CIELCh	41, 27.665, 239.167
Yxy	11.8524, 0.2049, 0.2577
Android (android.graphics.Color)	4278217095 (0xFF006987)
YUV	77.0250, 28.5817, -67.5509
Hunter-Lab	34.4273, -11.3821, -18.4605

# Details

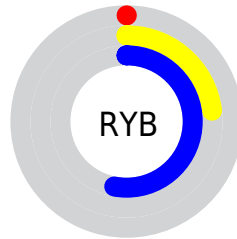
The Android color `4278217095` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287045120`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4283473084`, and `4278205013` is the 20% darker color. If you saturate the color by 10%, you get `4278217095`, and if you desaturate by 10%, it is `4279069831`.

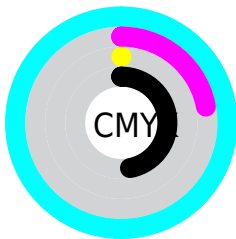
# Distribution



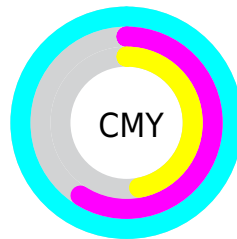
- Red (0%)
- Green (41%)
- Blue (53%)



- Red (0%)
- Yellow (23%)
- Blue (53%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (59%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278217095 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 4278217095 by changing the saturation by 10% instead.



 4278217095

 4278217095

4294967295

 4278210926

 4283473084

 4278205013

 4285380568

 4278199358

 4287222773

 4278192424

 4289130495

 4278190354

 4291035135

 4278190080

 4292935679


4294901759

 4278217095

 4279069831

 4279988103

 4280906375

 4281759111

 4282677383

 4283530119

 4284382855

 4285301127

 4286219399

# Harmonies

## Analogous

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



4278217846



4278217095



4282147726

# Triad

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



4278217095



4287254370



4283983416

# Complementary

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



4278217095



4287045120

# 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.



4285554483



4278217095



4287320140

# Square

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



4278217095



4286337912



4286732090



4282214985

# Rectangle

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



4278217095



4283915915



4286732090



4284572725



# Sweetspot

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



4278217095



4286293168



4278224669



4281946713



4292467161



4284045657



# Same Dimension

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



4278217095



4278225328



4278199943



4282138946



4278216066



4278190595



# Inverse Universe

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



4287037545



4289724553



4287062272



4282530881



4286709861



4278386690



# Previews

## White Background



This preview shows how the Android color 4278217095 looks on a white background.

## Color Contrast Check

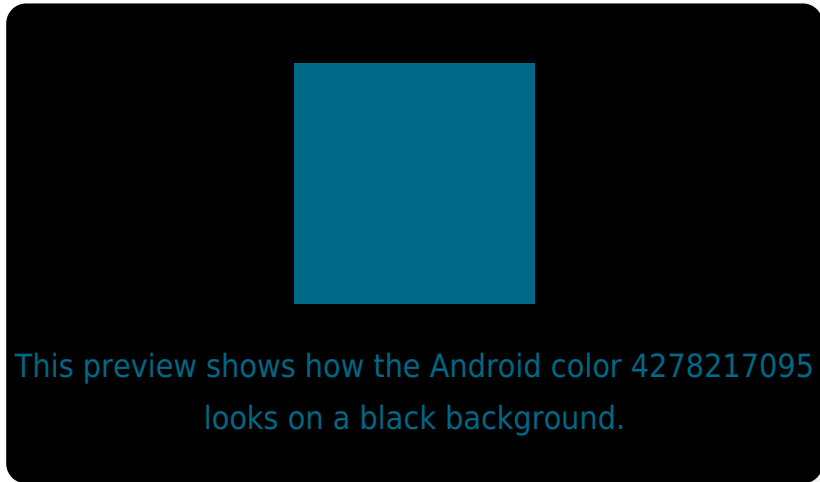
Large Text (above 18pt) WCAG AA ✓ Pass

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

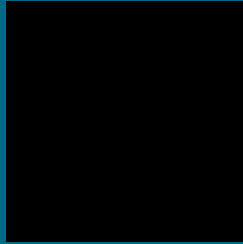
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278217095 Background



This preview shows how black text looks on a background with the Android color 4278217095.



This preview shows how white text looks on a background with the Android color 4278217095.

# 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**  
4278217095

**Protanomaly**  
4281885571

**Deuteranomaly**  
4281623432

**Tritanomaly**  
4278217339

# Monochromacy



**Original Color**  
4278217095

**Achromatopsia**  
4283256141

**Achromatomaly**  
4281423714

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278217095 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, 105, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 135)  
}
```

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, 105, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 135) }
```

## Border

The CSS property to change the border of an element to Android 4278217095 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, 105, 135) }
```

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

```
.border{ border-color:rgb(0, 105, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4278217095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 135) }
```

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

```
.background{ background-color: rgb(0, 105,  
135) }
```

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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