

# Converting Colors

Android(4278219157)

Have a look what the booklet for  
Android(4278219157) contains.

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# Color

**Android(4278219157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007195
RGB	0, 113, 149
RGB Percent	0%, 44%, 58%
CMY	1.0000, 0.5569, 0.4157
CMYK	1.00, 0.24, 0.00, 0.42
HSL	194°, 100%, 29%
HSV	194°, 100%, 58%
XYZ	11.3299, 13.9802, 30.5351
YIQ	83.3170, -78.9040, -12.7600

# Conversions

## Conversions Part 2

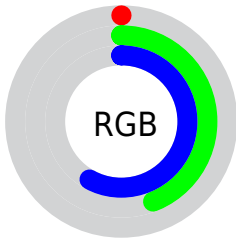
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 149
Decimal	29077
CIELab	44.20, -13.43, -27.11
CIELCh	44, 30.253, 243.651
Yxy	13.9802, 0.2029, 0.2503
Android (android.graphics.Color)	4278219157 (0xFF007195)
YUV	83.3170, 32.3817, -73.0690
Hunter-Lab	37.3901, -11.3436, -22.2468

# Details

The Android color `4278219157` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287964160`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4283737547`, and `4278206818` is the 20% darker color. If you saturate the color by 10%, you get `4278219157`, and if you desaturate by 10%, it is `4279203221`.

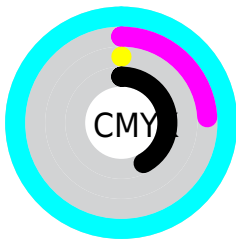
# Distribution



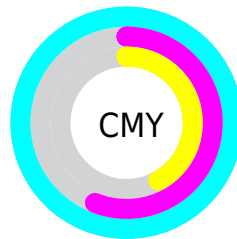
- Red (0%)
- Green (44%)
- Blue (58%)



- Red (0%)
- Yellow (25%)
- Blue (58%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (56%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278219157 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 4278219157 by changing the saturation by 10% instead.



 4278219157

 4278219157

4294967295

 4278212987

 4283737547

 4278206818

 4285710567

 4278201162

 4287618303

 4278196275

 4289526015

 4278190622

 4291428351

 4278190080

 4293394431

 4278219157

 4279203221

■ 4280187029

■ 4281171093

■ 4282154901

■ 4283138965

■ 4284057493

■ 4285041301

■ 4286025365

■ 4287009173

# Harmonies

## Analogous

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



4278220164



4278219157



4282804890

# Triad

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



4278219157



4288173158



4284182334

# Complementary

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



4278219157



4287964160

# 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.



4285884469



4278219157



4288108366

# Square

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



4278219157



4287256703



4287258428



4282086481

# Rectangle

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



4278219157



4284703894



4287258428



4284771641



# Sweetspot

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



4278219157



4287149250



4278228259



4282275937



4292927712



4284572001



# Same Dimension

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



4278219157



4278227906



4278200469



4282599498



4278216842



4278192138



# Inverse Universe

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



4287955057



4290904211



4287982848



4283056968



4287234152



4278845448



# Previews

## White Background



This preview shows how the Android color 4278219157 looks on a white background.

## Color Contrast Check

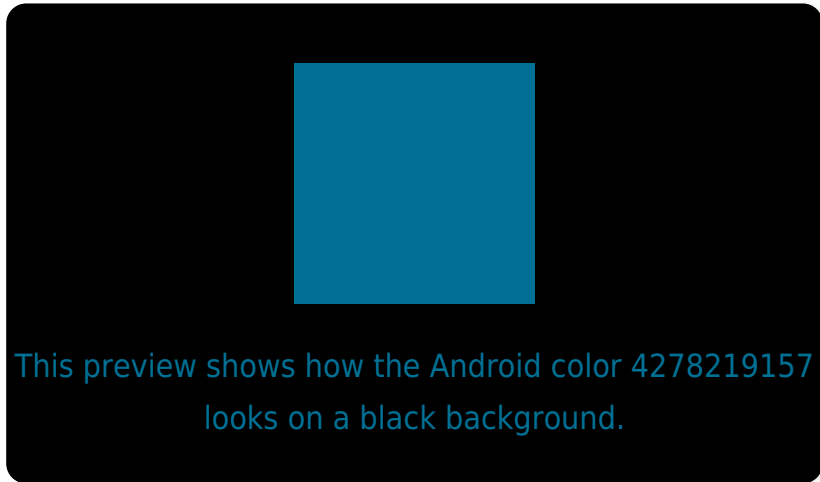
Large Text (above 18pt) WCAG AA ✓ Pass

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

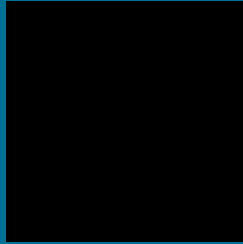
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278219157 Background



This preview shows how black text looks on a background with the Android color 4278219157.



This preview shows how white text looks on a background with the Android color 4278219157.

# 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**  
4278219157

**Protanomaly**  
4282084240

**Deuteranomaly**  
4281756566

**Tritanomaly**  
4278219654

# Monochromacy



**Original Color**  
4278219157

**Achromatopsia**  
4283650899

**Achromatomaly**  
4281687659

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278219157 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, 113, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 149)  
}
```

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, 113, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 149) }
```

## Border

The CSS property to change the border of an element to Android 4278219157 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, 113, 149) }
```

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

```
.border{ border-color:rgb(0, 113, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
149) }
```

# Background

The CSS property to change the background color of an element to Android 4278219157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 149) }
```

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

```
.background{ background-color: rgb(0, 113,  
149) }
```

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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