

# Converting Colors

Android(4278222230)

Have a look what the booklet for  
Android(4278222230) contains.

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# Color

**Android(427822230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007D96
RGB	0, 125, 150
RGB Percent	0%, 49%, 59%
CMY	1.0000, 0.5098, 0.4118
CMYK	1.00, 0.17, 0.00, 0.41
HSL	190°, 100%, 29%
HSV	190°, 100%, 59%
XYZ	12.8386, 16.8692, 31.4336
YIQ	90.4750, -82.5250, -18.7250

# Conversions

## Conversions Part 2

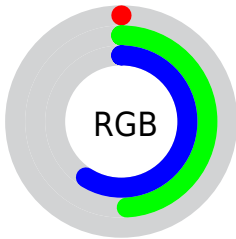
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 150
Decimal	32150
CIELab	48.09, -19.73, -21.67
CIELCh	48, 29.307, 227.694
Yxy	16.8692, 0.2100, 0.2759
Android (android.graphics.Color)	4278222230 (0xFF007D96)
YUV	90.4750, 29.3458, -79.3466
Hunter-Lab	41.0722, -16.0795, -16.6256

# Details

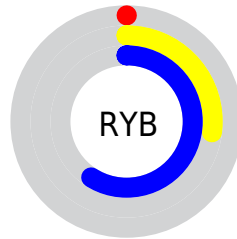
The Android color `4278222230` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4288026880`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4283871948`, and `4278209635` is the 20% darker color. If you saturate the color by 10%, you get `4278222230`, and if you desaturate by 10%, it is `4279205782`.

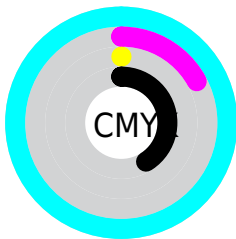
# Distribution



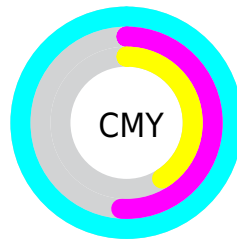
- Red (0%)
- Green (49%)
- Blue (59%)



- Red (0%)
- Yellow (27%)
- Blue (59%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (51%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278222230 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 4278222230 by changing the saturation by 10% instead.



 4278222230

 4278222230

4294967295

 4278215804

 4283871948

 4278209635

 4285779432


 4278203723

 4287752959

 4278198324

 4289658879

 4278190623

 4291559423

 4278190083

 4293525503

 4278190080

 4278222230

 4279205782

■ 4280189590

■ 4281173142

■ 4282156950

■ 4283140502

■ 4284124310

■ 4285107862

■ 4286091670

■ 4287075222

# Harmonies

## Analogous

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



4278747008



4278222230



4282022050

# Triad

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



4278222230



4288438397



4285822274

# Complementary

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



4278222230



4288026880

# 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.



4287327554



4278222230



4288831332

# Square

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



4278222230



4287063700



4288439631



4283988816

# Rectangle

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



4278222230



4283986595



4288439631



4286346048



# Sweetspot

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



4278222230



4287150274



4278228505



4282276705



4292927712



4284572001



# Same Dimension

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



4278222230



4278231490



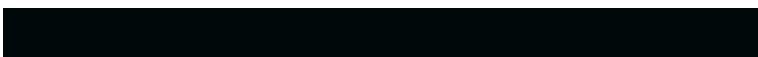
4278203030



4282599754



4278219658



4278192138



# Inverse Universe

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



4288020605



4290904226



4288046080



4283056969



4287234163



4278845449



# Previews

## White Background



This preview shows how the Android color 4278222230 looks on a white background.

## Color Contrast Check

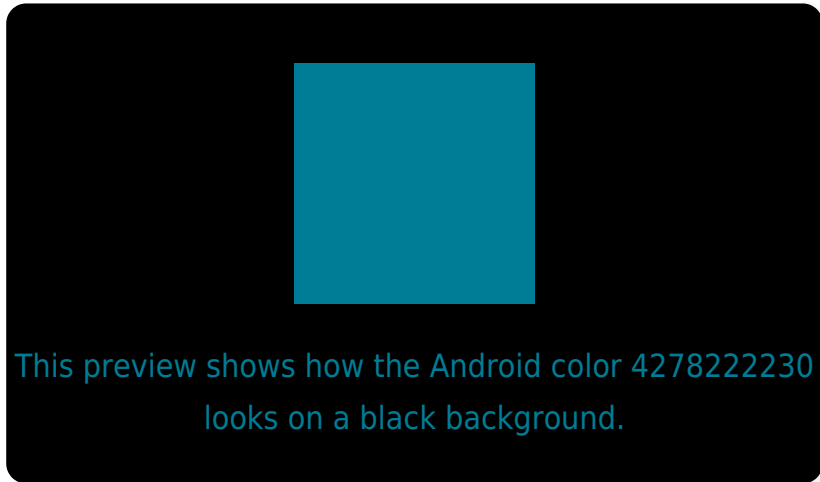
Large Text (above 18pt) WCAG AA ✓ Pass

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

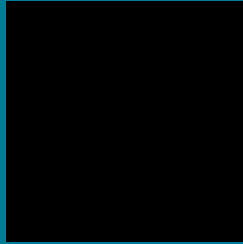
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278222230 Background



This preview shows how black text looks on a background with the Android color 4278222230.



This preview shows how white text looks on a background with the Android color 4278222230.

# 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**  
4278222230

**Protanomaly**  
4282676624

**Deuteranomaly**  
4282545560

**Tritanomaly**  
4278222478

# Monochromacy



**Original Color**  
4278222230

**Achromatopsia**  
4284111450

**Achromatomaly**  
4281952112

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278222230 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, 125, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 150)  
}
```

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, 125, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 150) }
```

## Border

The CSS property to change the border of an element to Android 4278222230 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, 125, 150) }
```

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

```
.border{ border-color:rgb(0, 125, 150) }
```

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

Here you see how a box with a 4 pixel rgb(0, 125, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
150) }
```

# Background

The CSS property to change the background color of an element to Android 4278222230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 150) }
```

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

```
.background{ background-color: rgb(0, 125,  
150) }
```

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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