

# Converting Colors

Android(4278215762)

Have a look what the booklet for  
Android(4278215762) contains.

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# Color

**Android(4278215762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006452
RGB	0, 100, 82
RGB Percent	0%, 39%, 32%
CMY	1.0000, 0.6078, 0.6784
CMYK	1.00, 0.00, 0.18, 0.61
HSL	169°, 100%, 20%
HSV	169°, 100%, 39%
XYZ	6.0802, 9.7235, 9.5390
YIQ	68.0480, -53.8220, -26.7980

# Conversions

## Conversions Part 2

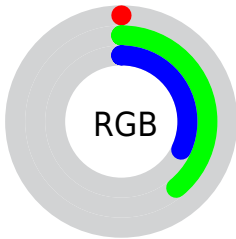
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 55, 100
Decimal	25682
CIELab	37.34, -29.95, 3.14
CIELCh	37, 30.116, 174.013
Yxy	9.7235, 0.2399, 0.3837
Android (android.graphics.Color)	4278215762 (0xFF006452)
YUV	68.0480, 6.8783, -59.6781
Hunter-Lab	31.1826, -19.7646, 3.6905

# Details

The Android color **4278215762** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4284743698**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4282816643**, and **4278203429** is the 20% darker color. If you saturate the color by 10%, you get **4278215762**, and if you desaturate by 10%, it is **4278871124**.

# Distribution



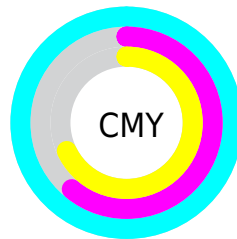
- Red (0%)
- Green (39%)
- Blue (32%)



- Red (0%)
- Yellow (22%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278215762 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 4278215762 by changing the saturation by 10% instead.



 4278215762

 4278215762

4294967295

 4278209595

 4282816643

 4278203429

 4284658589

 4278198545

 4286435000

 4278190080

 4288277460

 4290117616

 4291952639

 4293853183

 4278215762

■ 4278871124

■ 4279526486

■ 4280181847

■ 4280837209

■ 4281492571

■ 4282147933

■ 4282803295

■ 4283458656

■ 4284114018

# Harmonies

## Analogous

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



4281753914



4278215762



4278215787

# Triad

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



4278215762



4283585412



4286401585

# Complementary

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



4278215762



4284743698

# 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.



4286989637



4278215762



4285614709

# Square

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



4278215762



4280376456



4286727262



4285224231

# Rectangle

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



4278215762



4278215545



4286727262



4286662967



# Sweetspot

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



4278215762



4284187259



4279395328



4280959550



4290953922



4282532418



# Same Dimension

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



4278215762



4278223467



4278207588



4281217842



4278219614



4278252231



# Inverse Universe

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



4284743698



4286709783



4284751872



4281544239



4285726741



4294049836



# Previews

## White Background



This preview shows how the Android color 4278215762 looks on a white background.

## Color Contrast Check

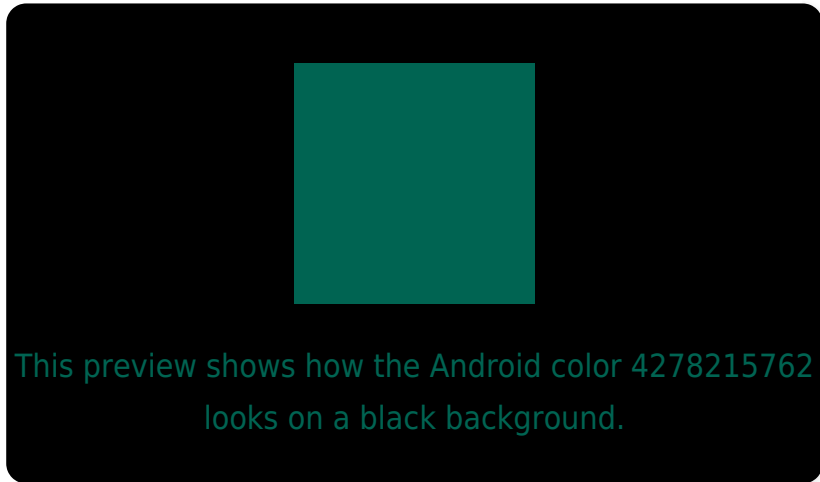
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278215762 Background



This preview shows how black text looks on a background with the Android color 4278215762.



This preview shows how white text looks on a background with the Android color 4278215762.

# 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**

4278215762

**Protanopia**

4284241996

**Deuteranopia**

4284568917



# Trichromacy



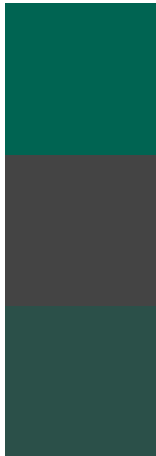
**Original Color**  
4278215762

**Protanomaly**  
4282080334

**Deuteranomaly**  
4282276436

**Tritanomaly**  
4279394913

# Monochromacy



**Original Color**  
4278215762

**Achromatopsia**  
4282664004

**Achromatomaly**  
4281028681

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278215762 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, 100, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 100, 82)  
}
```

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, 100, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 82) }
```

## Border

The CSS property to change the border of an element to Android 4278215762 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, 100, 82) }
```

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

```
.border{ border-color:rgb(0, 100, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 100, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 82);  
box-shadow:4px 4px 4px 4px rgb(0, 100, 82)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278215762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 100, 82) }
```

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

```
.background{ background-color: rgb(0, 100,  
82) }
```

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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