

# Converting Colors

Android(4278218304)

Have a look what the booklet for  
Android(4278218304) contains.

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# Color

**Android(4278218304)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006E40
RGB	0, 110, 64
RGB Percent	0%, 43%, 25%
CMY	1.0000, 0.5686, 0.7490
CMYK	1.00, 0.00, 0.42, 0.57
HSL	155°, 100%, 22%
HSV	155°, 100%, 43%
XYZ	6.5013, 11.5220, 6.7318
YIQ	71.8660, -50.7940, -37.6260

# Conversions

## Conversions Part 2

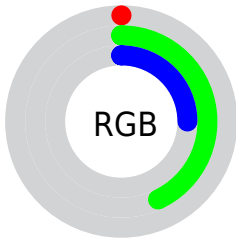
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 110
Decimal	28224
CIELab	40.45, -38.82, 18.24
CIELCh	40, 42.889, 154.836
Yxy	11.5220, 0.2626, 0.4654
Android (android.graphics.Color)	4278218304 (0xFF006E40)
YUV	71.8660, -3.8779, -63.0265
Hunter-Lab	33.9441, -25.2139, 12.0025

# Details

The Android color **4278218304** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4285399086**, and the grayscale version is **4282927176**.

A 20% lighter version of the original color is **4283016048**, and **4278205716** is the 20% darker color. If you saturate the color by 10%, you get **4278218304**, and if you desaturate by 10%, it is **4278939205**.

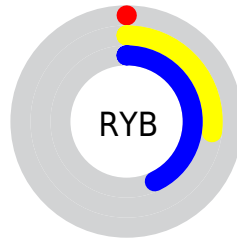
# Distribution



Red (0%)

Green (43%)

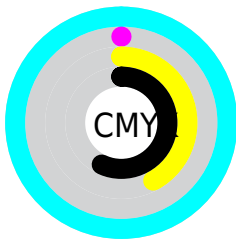
Blue (25%)



Red (0%)

Yellow (27%)

Blue (43%)

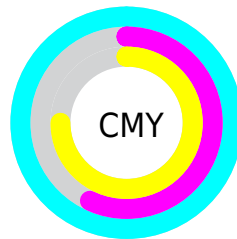


Cyan (100%)

Magenta (0%)

Yellow (42%)

Black (57%)



Cyan (100%)

Magenta (57%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278218304 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 4278218304 by changing the saturation by 10% instead.



 4278218304

 4278218304

4294967295

 4278211882

 4283016048

 4278205716

 4284792458

 4278200320

 4286634660

 4278190848

 4288477119

 4278190080

 4290314203

 4292214776


 4294115327

 4278218304

 4278939205

 4279660105

 4280381006

 4281101906

 4281822807

 4282543708

 4283264608

 4283985509

 4284706409

# Harmonies

## Analogous

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



4282935585



4278218304



4278218852

# Triad

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



4278218304



4279591333



4288365881

# Complementary

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



4278218304



4285399086

# 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.



4288560731



4278218304



4285027481

# Square

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



4278218304



4278217631



4287513982



4287189790

# Rectangle

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



4278218304



4278218876



4287513982



4288561476



# Sweetspot

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



4278218304



4284780413



4281363968



4281222973



4291282887



4282861383



# Same Dimension

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



4278218304



4278226771



4278216558



4281481270



4278220870



4278253456



# Inverse Universe

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



4285399086



4287561788



4285400832



4281872949



4286054450



4294377575



# Previews

## White Background



This preview shows how the Android color 4278218304 looks on a white background.

## Color Contrast Check

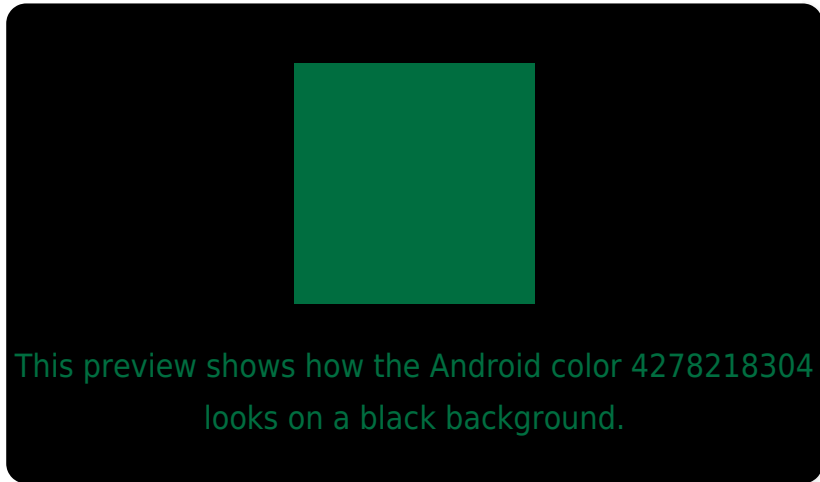
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278218304 Background



This preview shows how black text looks on a background with the Android color 4278218304.



This preview shows how white text looks on a background with the Android color 4278218304.

# 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**  
4278218304

**Protanopia**  
4285030202

**Deuteranopia**  
4285619012



# Trichromacy



**Original Color**

4278218304



**Protanomaly**

4282541116



**Deuteranomaly**

4282933827



**Tritanomaly**

4279855711

# Monochromacy



**Original Color**

4278218304



**Achromatopsia**

4282927176



**Achromatomaly**

4281226821

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278218304 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, 110, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 64)  
}
```

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, 110, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 64) }
```

## Border

The CSS property to change the border of an element to Android 4278218304 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, 110, 64) }
```

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

```
.border{ border-color:rgb(0, 110, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 64);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 64)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278218304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 64) }
```

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

```
.background{ background-color: rgb(0, 110,  
64) }
```

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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