

# Converting Colors

Android(4278218825)

Have a look what the booklet for  
Android(4278218825) contains.

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# Color

**Android(4278218825)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007049
RGB	0, 112, 73
RGB Percent	0%, 44%, 29%
CMY	1.0000, 0.5608, 0.7137
CMYK	1.00, 0.00, 0.35, 0.56
HSL	159°, 100%, 22%
HSV	159°, 100%, 44%
XYZ	6.9968, 12.0694, 8.2642
YIQ	74.0660, -54.2330, -35.8730

# Conversions

## Conversions Part 2

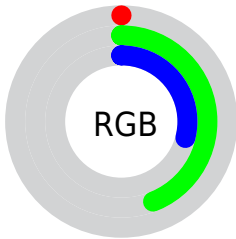
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 112
Decimal	28745
CIELab	41.33, -37.54, 14.16
CIELCh	41, 40.126, 159.337
Yxy	12.0694, 0.2560, 0.4416
Android (android.graphics.Color)	4278218825 (0xFF007049)
YUV	74.0660, -0.5255, -64.9559
Hunter-Lab	34.7410, -24.8472, 10.2148

# Details

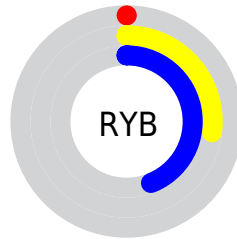
The Android color `4278218825` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285530151`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4283016570`, and `4278206237` is the 20% darker color. If you saturate the color by 10%, you get `4278218825`, and if you desaturate by 10%, it is `4278939725`.

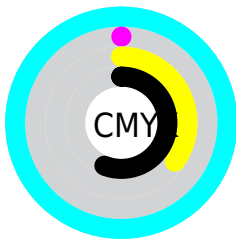
# Distribution



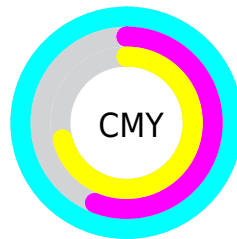
- Red (0%)
- Green (44%)
- Blue (29%)



- Red (0%)
- Yellow (27%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (71%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278218825 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 4278218825 by changing the saturation by 10% instead.



 4278218825

 4278218825

4294967295

 4278212402

 4283016570

 4278206237

 4284858516

 4278200581

 4286700718

 4278192384

 4288543178

 4278190080

 4290379750

 4292280319


 4294180863

 4278218825

 4278939725

 4279660625

 4280447061

 4281167961

 4281888861

 4282609760

 4283330660

 4284117096

 4284837996

# Harmonies

## Analogous

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



4282805036



4278218825



4278219371

# Triad

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



4278218825



4281754275



4288236345

# Complementary

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



4278218825



4285530151

# 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.



4288562264



4278218825



4285617301

# Square

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



4278218825



4278217631



4287711353



4286994210

# Rectangle

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



4278218825



4278219137



4287711353



4288431939



# Sweetspot

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



4278218825



4284912002



4280774656



4281289281



4291414473



4283058762



# Same Dimension

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



4278218825



4278227295



4278214512



4281481270



4278220878



4278253473



# Inverse Universe

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



4285530151



4287692851



4285534464



4281872948



4286054442



4294377558



# Previews

## White Background



This preview shows how the Android color 4278218825 looks on a white background.

## Color Contrast Check

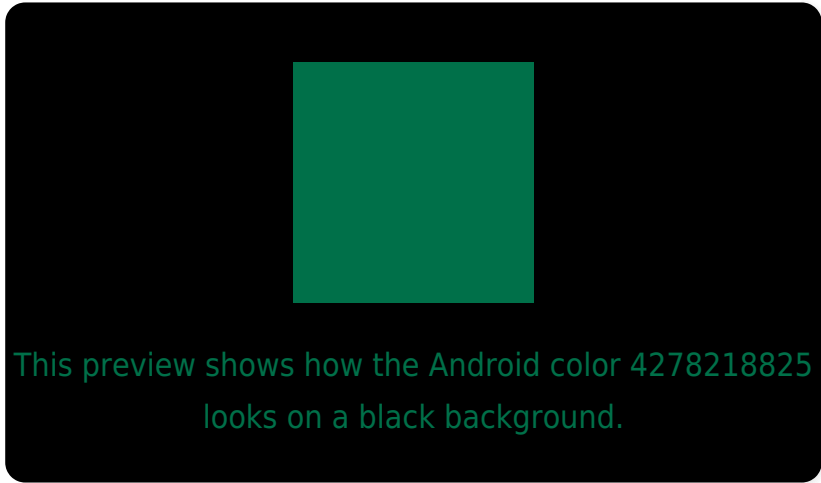
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278218825 Background



This preview shows how black text looks on a background with the Android color 4278218825.



This preview shows how white text looks on a background with the Android color 4278218825.

# 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**

4278218825

**Protanopia**

4285096259

**Deuteranopia**

4285685069



# Trichromacy



**Original Color**  
4278218825

**Protanomaly**  
4282607173

**Deuteranomaly**  
4282999884

**Tritanomaly**  
4279856484

# Monochromacy



**Original Color**  
4278218825

**Achromatopsia**  
4283058762

**Achromatomaly**  
4281292874

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278218825 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, 112, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 73)  
}
```

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, 112, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 73) }
```

## Border

The CSS property to change the border of an element to Android 4278218825 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, 112, 73) }
```

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

```
.border{ border-color:rgb(0, 112, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 73);  
box-shadow:4px 4px 4px 4px rgb(0, 112, 73)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278218825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 73) }
```

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

```
.background{ background-color: rgb(0, 112,  
73) }
```

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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