

Converting Colors

Android(4278216249)

Have a look what the booklet for
Android(4278216249) contains.

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Color

Android(4278216249)

Conversions

Conversions Part 1

Format	Color
Hex	006639
RGB	0, 102, 57
RGB Percent	0%, 40%, 22%
CMY	1.0000, 0.6000, 0.7765
CMYK	1.00, 0.00, 0.44, 0.60
HSL	154°, 100%, 20%
HSV	154°, 100%, 40%
XYZ	5.4899, 9.7982, 5.4728
YIQ	66.3720, -46.3470, -35.6190

Conversions

Conversions Part 2

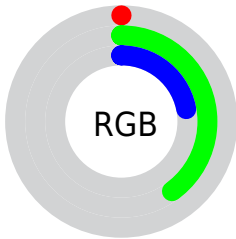
Format	Color
RYB	0, 65, 102
Decimal	26169
CIELab	37.48, -37.23, 18.39
CIELCh	37, 41.527, 153.709
Yxy	9.7982, 0.2644, 0.4720
Android (android.graphics.Color)	4278216249 (0xFF006639)
YUV	66.3720, -4.6204, -58.2082
Hunter-Lab	31.3020, -23.4723, 11.5453

Details

The Android color **4278216249** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4284874797**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4282817129**, and **4278203918** is the 20% darker color. If you saturate the color by 10%, you get **4278216249**, and if you desaturate by 10%, it is **4278871613**.

Distribution



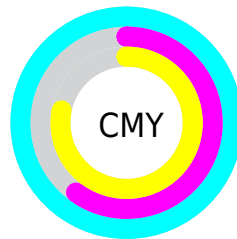
- Red (0%)
- Green (40%)
- Blue (22%)



- Red (0%)
- Yellow (25%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216249 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 4278216249 by changing the saturation by 10% instead.

 4278216249

 4278216249

4294967295

 4278209827

 4282817129

 4278203918

 4284593538

 4278198528

 4286370204

 4278190080

 4288212663

 4290052051

 4291952623

 4293853183

 4278216249

■ 4278871613

■ 4279526978

■ 4280247878

■ 4280903243

■ 4281558608

■ 4282213972

■ 4282869337

■ 4283590237

■ 4284245602

Harmonies

Analogous

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



4282605852



4278216249



4278216795

Triad

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



4278216249



4278213531



4287774261

Complementary

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



4278216249



4284874797

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.



4287903829



4278216249



4284370576

Square

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



4278216249



4278215572



4286857078



4286663450

Rectangle

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



4278216249



4278216818



4286857078



4287904575

Sweetspot

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



4278216249



4284319091



4281230848



4280959544



4290953922



4282532418

Same Dimension

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



4278216249



4278224202



4278215014



4281217841



4278219584



4278252167

Inverse Universe

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



4284874797



4286906427



4284876032



4281544240



4285726771



4294049899

Previews

White Background



This preview shows how the Android color 4278216249 looks on a white background.

Color Contrast Check

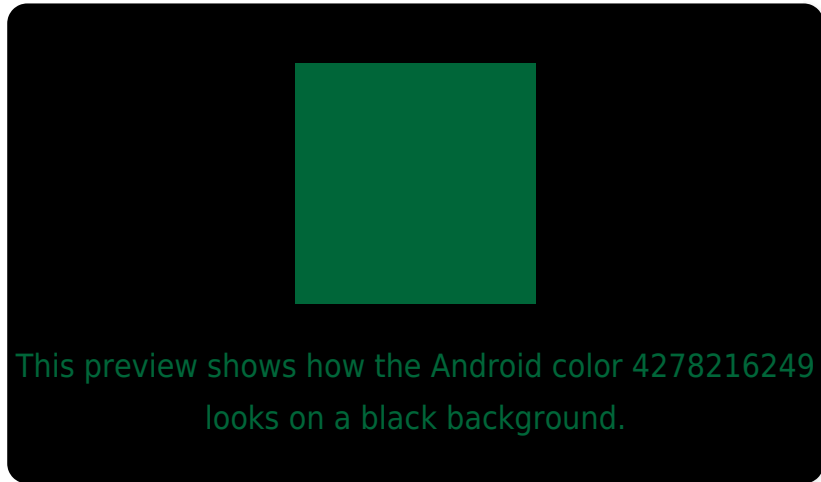
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278216249 Background



This preview shows how black text looks on a background with the Android color 4278216249.



This preview shows how white text looks on a background with the Android color 4278216249.

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
4278216249

Protanopia
4284569652

Deuteranopia
4285092925

Trichromacy



Original Color

4278216249



Protanomaly

4282277174



Deuteranomaly

4282604348



Tritanomaly

4279788375

Monochromacy



Original Color

4278216249



Achromatopsia

4282532418



Achromatomaly

4280962879

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216249 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, 102, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 57)  
}
```

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, 102, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 57) }
```

Border

The CSS property to change the border of an element to Android 4278216249 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, 102, 57) }
```

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

```
.border{ border-color:rgb(0, 102, 57) }
```

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

Here you see how a box with a 4 pixel rgb(0, 102, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 57);  
box-shadow:4px 4px 4px 4px rgb(0, 102, 57)  
}
```

Background

The CSS property to change the background color of an element to Android 4278216249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 57) }
```

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

```
.background{ background-color: rgb(0, 102,  
57) }
```

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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