

# Converting Colors

Android(4278215971)

Have a look what the booklet for  
Android(4278215971) contains.

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# Color

**Android(4278215971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006523
RGB	0, 101, 35
RGB Percent	0%, 40%, 14%
CMY	1.0000, 0.6039, 0.8627
CMYK	1.00, 0.00, 0.65, 0.60
HSL	141°, 100%, 20%
HSV	141°, 100%, 40%
XYZ	4.9571, 9.4287, 3.1488
YIQ	63.2770, -39.0100, -41.9380

# Conversions

## Conversions Part 2

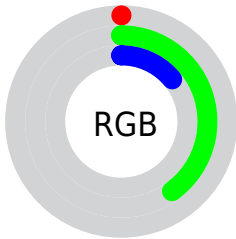
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 101
Decimal	25891
CIELab	36.80, -40.76, 29.64
CIElCh	37, 50.401, 143.978
Yxy	9.4287, 0.2827, 0.5377
Android (android.graphics.Color)	4278215971 (0xFF006523)
YUV	63.2770, -13.9406, -55.4939
Hunter-Lab	30.7062, -24.9197, 15.4145

# Details

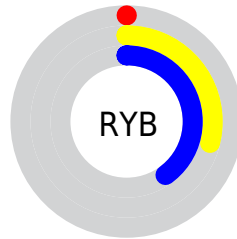
The Android color **4278215971** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4284809282**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4282816850**, and **4278203392** is the 20% darker color. If you saturate the color by 10%, you get **4278215971**, and if you desaturate by 10%, it is **4278871338**.

# Distribution



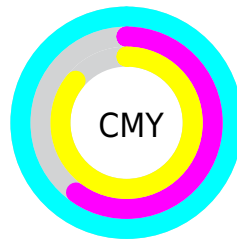
- Red (0%)
- Green (40%)
- Blue (14%)



- Red (0%)
- Yellow (29%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278215971 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 4278215971 by changing the saturation by 10% instead.



 4278215971

 4278215971

4294967295

 4278209547

 4282816850

 4278203392

 4284658795


 4278198272

 4286435461

 4278190080

 4288277919

 4290117563

 4291952598

 4293853171

 4278215971

■ 4278871338

■ 4279526704

■ 4280182071

■ 4280837437

■ 4281558340

■ 4282213707

■ 4282869073

■ 4283524440

■ 4284179806

# Harmonies

## Analogous

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



4283063808



4278215971



4278216781

# Triad

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



4278215971



4278214312



4288491320

# Complementary

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



4278215971



4284809282

# 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.



4288293729



4278215971



4282601377

# Square

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



4278215971



4278216344



4286528391



4287447314

# Rectangle

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



4278215971



4278217065



4286528391



4288555845



# Sweetspot

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



4278215971



4284187241



4282606848



4280959539



4290953922



4282532418



# Same Dimension

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



4278215971



4278223405



4278216020



4281217840



4278219560



4278252116



# Inverse Universe

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



4284809282



4286709845



4284809233



4281544241



4285726795



4294049950



# Previews

## White Background



This preview shows how the Android color 4278215971 looks on a white background.

## Color Contrast Check

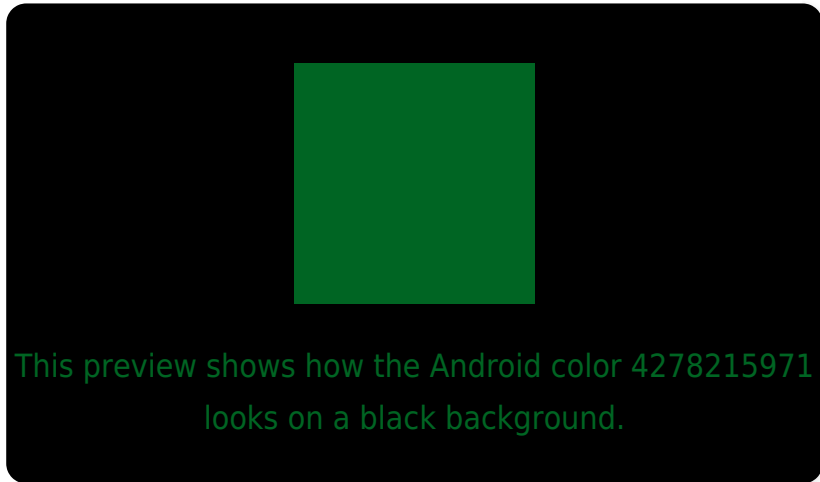
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278215971 Background



This preview shows how black text looks on a background with the Android color 4278215971.



This preview shows how white text looks on a background with the Android color 4278215971.

# 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**  
4278215971

**Protanopia**  
4284569375

**Deuteranopia**  
4285223465



# Trichromacy



**Original Color**  
4278215971

**Protanomaly**  
4282276896

**Deuteranomaly**  
4282669351

**Tritanomaly**  
4279918926

# Monochromacy



**Original Color**  
4278215971

**Achromatopsia**  
4282335039

**Achromatomaly**  
4280831285

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278215971 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, 101, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 35)  
}
```

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, 101, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 35) }
```

## Border

The CSS property to change the border of an element to Android 4278215971 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, 101, 35) }
```

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

```
.border{ border-color:rgb(0, 101, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 35);  
box-shadow:4px 4px 4px 4px rgb(0, 101, 35)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278215971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 35) }
```

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

```
.background{ background-color: rgb(0, 101,  
35) }
```

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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