

# Converting Colors

Android(4278215189)

Have a look what the booklet for  
Android(4278215189) contains.

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# Color

**Android(4278215189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006215
RGB	0, 98, 21
RGB Percent	0%, 38%, 8%
CMY	1.0000, 0.6157, 0.9176
CMYK	1.00, 0.00, 0.79, 0.62
HSL	133°, 100%, 19%
HSV	133°, 100%, 38%
XYZ	4.5030, 8.7895, 2.1687
YIQ	59.9200, -33.6910, -44.7230

# Conversions

## Conversions Part 2

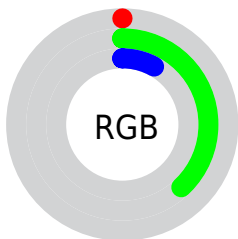
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 81, 98</a>
Decimal	<a href="#">25109</a>
CIELab	<a href="#">35.58, -41.39, 34.71</a>
CIELCh	<a href="#">36, 54.016, 140.014</a>
Yxy	<a href="#">8.7895, 0.2912, 0.5685</a>
Android (android.graphics.Color)	<a href="#">4278215189 (0xFF006215)</a>
YUV	<a href="#">59.9200, -19.1876, -52.5498</a>
Hunter-Lab	<a href="#">29.6471, -24.7704, 16.4159</a>

# Details

The Android color **4278215189** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4284612685**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4282816070**, and **4278202880** is the 20% darker color. If you saturate the color by 10%, you get **4278215189**, and if you desaturate by 10%, it is **4278870557**.

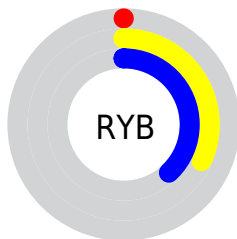
# Distribution



Red (0%)

Green (38%)

Blue (8%)



Red (0%)

Yellow (32%)

Blue (38%)

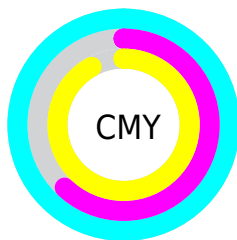


Cyan (100%)

Magenta (0%)

Yellow (79%)

Black (62%)



Cyan (100%)

Magenta (62%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278215189 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 4278215189 by changing the saturation by 10% instead.



 4278215189

 4278215189

4294967295

 4278208768

 4282816070

 4278202880

 4284592478

 4278197248

 4286434680

 4278190080

 4288211346

 4290052013

 4291952585

 4293853157

 4278215189

■ 4278870557

■ 4279525924

■ 4280115756

■ 4280771124

■ 4281426492

■ 4282081859

■ 4282737227

■ 4283327059

■ 4283982426

# Harmonies

## Analogous

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



4283128320



4278215189



4278216259

# Triad

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



4278215189



4278214057



4288553785

# Complementary

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



4278215189



4284612685

# 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.



4288160356



4278215189



4281028518

# Square

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



4278215189



4278215830



4286069132



4287576335

# Rectangle

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



4278215189



4278216546



4286069132



4288618311



# Sweetspot

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



4278215189



4284055649



4283326976



4280893486



4290756543



4282400832



# Same Dimension

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



4278215189



4278222875



4278215237



4281085997



4278218776



4278251571



# Inverse Universe

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



4284612685



4286578788



4284612637



4281347119



4285530200

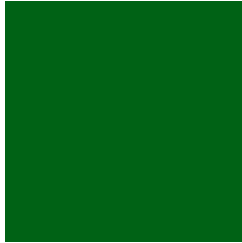


4293918908



# Previews

## White Background



This preview shows how the Android color 4278215189 looks on a white background.

## Color Contrast Check

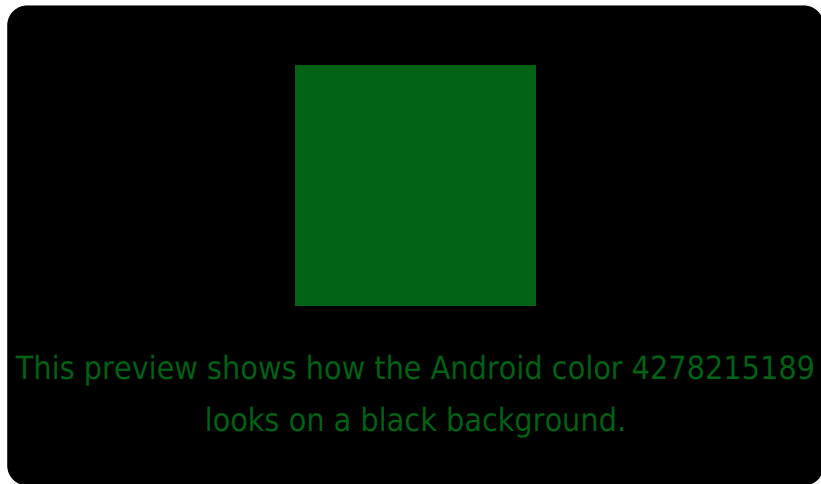
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278215189 Background



This preview shows how black text looks on a background with the Android color 4278215189.



This preview shows how white text looks on a background with the Android color 4278215189.

# 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**

4278215189

**Protanopia**

4284371985

**Deuteranopia**

4285091869



# Trichromacy



**Original Color**  
4278215189

**Protanomaly**  
4282145042

**Deuteranomaly**  
4282603290

**Tritanomaly**  
4279918151

# Monochromacy



**Original Color**  
4278215189

**Achromatopsia**  
4282137660

**Achromatomaly**  
4280699438

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278215189 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, 98, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 21)  
}
```

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, 98, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 21) }
```

## Border

The CSS property to change the border of an element to Android 4278215189 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, 98, 21) }
```

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

```
.border{ border-color:rgb(0, 98, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 98, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 98, 21); box-shadow:4px  
4px 4px 4px rgb(0, 98, 21) }
```

# Background

The CSS property to change the background color of an element to Android 4278215189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 21) }
```

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

```
.background{ background-color: rgb(0, 98,  
21) }
```

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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