

# Converting Colors

Android(4278224901)

Have a look what the booklet for  
Android(4278224901) contains.

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**Color**

**Android(4278224901)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008805
RGB	0, 136, 5
RGB Percent	0%, 53%, 2%
CMY	1.0000, 0.4667, 0.9804
CMYK	1.00, 0.00, 0.96, 0.47
HSL	122°, 100%, 27%
HSV	122°, 100%, 53%
XYZ	8.8316, 17.6193, 3.0790
YIQ	80.4020, -39.0050, -69.5730

# Conversions

## Conversions Part 2

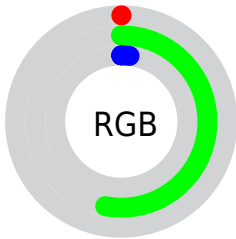
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 136
Decimal	34821
CIELab	49.03, -53.84, 51.19
CIELCh	49, 74.292, 136.445
Yxy	17.6193, 0.2991, 0.5967
Android (android.graphics.Color)	4278224901 (0xFF008805)
YUV	80.4020, -37.1732, -70.5126
Hunter-Lab	41.9753, -35.9006, 25.0337

# Details

The Android color `4278224901` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4287103107`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4283744068`, and `4278211584` is the 20% darker color. If you saturate the color by 10%, you get `4278224901`, and if you desaturate by 10%, it is `4279142418`.

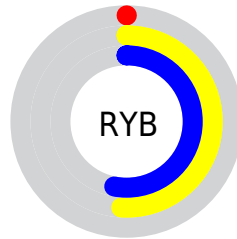
# Distribution



Red (0%)

Green (53%)

Blue (2%)



Red (0%)

Yellow (51%)

Blue (53%)

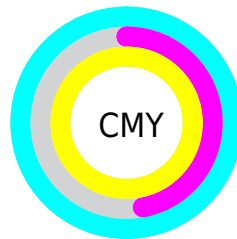


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (47%)



Cyan (100%)

Magenta (47%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278224901 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 4278224901 by changing the saturation by 10% instead.



 4278224901

 4278224901

4294967295

 4278218240

 4283744068

 4278211584

 4285717342

 4278205440

 4287625337

 4278199552

 4289527700

 4278190080

 4291428272

 4293394380


 4294967273

 4278224901

 4279142418

 4279994399

 4280911916

 4281763897

 4282681415

 4283598932

 4284450913

 4285368430

 4286220411

# Harmonies

## Analogous

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



4285365248



4278224901



4278226517

# Triad

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



4278224901



4278224112



4292878421

# Complementary

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



4278224901



4287103107

# 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.



4292093844



4278224901



4278219247

# Square

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



4278224901



4278226383



4288696524



4291643158

# Rectangle

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



4278224901



4278226817



4288696524



4292876650



# Sweetspot

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



4278224901



4286296189



4286810112



4281948474



4292467161



4284045657



# Same Dimension

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



4278224901



4278235142



4278224969



4282271038



4278224133



4278191360



# Inverse Universe

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



4287103107



4289724585



4287103039



4282728005



4286906496

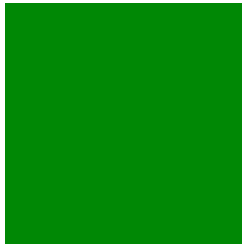


4278517765



# Previews

## White Background



This preview shows how the Android color 4278224901 looks on a white background.

## Color Contrast Check

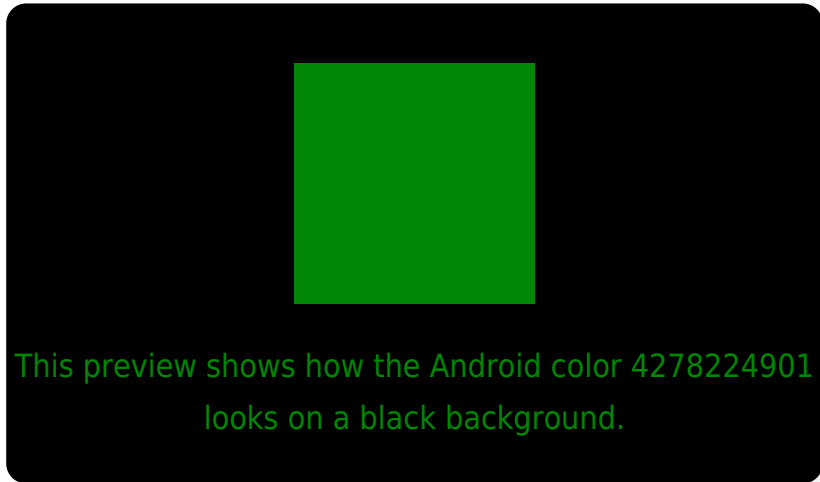
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

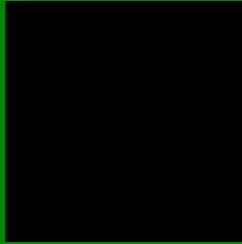
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278224901 Background



This preview shows how black text looks on a background with the Android color 4278224901.



This preview shows how white text looks on a background with the Android color 4278224901.

# 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**  
4278224901

**Protanopia**  
4286804992

**Deuteranopia**  
4287786526



# Trichromacy



**Original Color**  
4278224901



**Protanomaly**  
4283661058



**Deuteranomaly**  
4284315413

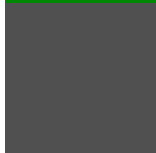


**Tritanomaly**  
4280582745

# Monochromacy



**Original Color**  
4278224901



**Achromatopsia**  
4283453520



**Achromatomaly**  
4281558069

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278224901 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, 136, 5)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 5)  
}
```

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, 136, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 5) }
```

## Border

The CSS property to change the border of an element to Android 4278224901 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, 136, 5) }
```

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

```
.border{ border-color:rgb(0, 136, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 136, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 136, 5); box-shadow:4px  
4px 4px 4px rgb(0, 136, 5) }
```

# Background

The CSS property to change the background color of an element to Android 4278224901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 5) }
```

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

```
.background{ background-color: rgb(0, 136,  
5) }
```

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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