

# Converting Colors

Android(4278557514)

Have a look what the booklet for  
Android(4278557514) contains.

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# Color

**Android(4278557514)**

# Conversions

## Conversions Part 1

Format	Color
Hex	059B4A
RGB	5, 155, 74
RGB Percent	2%, 61%, 29%
CMY	0.9804, 0.3922, 0.7098
CMYK	0.97, 0.00, 0.52, 0.39
HSL	148°, 94%, 31%
HSV	148°, 97%, 61%
XYZ	13.0200, 23.9694, 10.4189
YIQ	100.9160, -63.3990, -56.9910

# Conversions

## Conversions Part 2

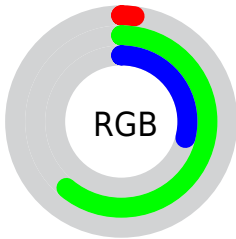
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 108, 155
Decimal	367434
CIELab	56.06, -52.84, 32.76
CIELCh	56, 62.174, 148.205
Yxy	23.9694, 0.2746, 0.5056
Android (android.graphics.Color)	4278557514 (0xFF059B4A)
YUV	100.9160, -13.2696, -84.1183
Hunter-Lab	48.9585, -38.2074, 21.6534

# Details

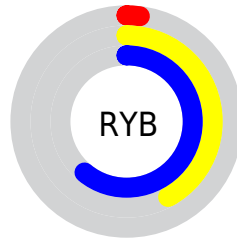
The Android color **4278557514** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **4288349526**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4284076924**, and **4278216218** is the 20% darker color. If you saturate the color by 10%, you get **4278229831**, and if you desaturate by 10%, it is **4279606098**.

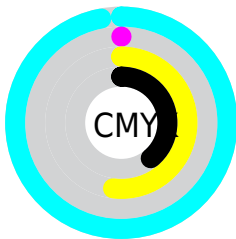
# Distribution



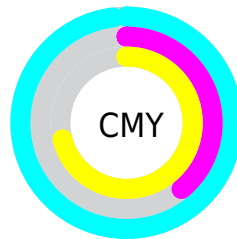
- Red (2%)
- Green (61%)
- Blue (29%)



- Red (2%)
- Yellow (42%)
- Blue (61%)



- Cyan (97%)
- Magenta (0%)
- Yellow (52%)
- Black (39%)



- Cyan (98%)
- Magenta (39%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278557514 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 4278557514 by changing the saturation by 10% instead.





4278557514



4278557514

4294967295



4278222898



4284076924



4278216218



4285984663



4278209793



4287954866



4278203648



4289855438



4278197504



4291821546



4278190080



4293787647



4278557514



4278557514



4278229831



4279606098

 4280589147

 4281637731

 4282620779

 4283669364

 4284652412

 4285700997

 4286684045

 4287732629

# Harmonies

## Analogous

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



4285436439



4278557514



4278230913

# Triad

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



4278557514



4278226675



4293154647

# Complementary

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



4278557514



4288349526

# 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.



4293087372



4278557514



4286478822

# Square

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



4278557514



4278229730



4291059904



4291587367

# Rectangle

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



4278557514



4278231207



4291059904



4293349992



# Sweetspot

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



4278557514



4287613354



4283996933



4282541651



4293322470



4284900966



# Same Dimension

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



4278557514



4278241629



4278557587



4282731848



4278225985



4278193414



# Inverse Universe

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



4288349526



4291362925



4288349452



4283254089



4287365196



4279042055



# Previews

## White Background



This preview shows how the Android color 4278557514 looks on a white background.

## Color Contrast Check

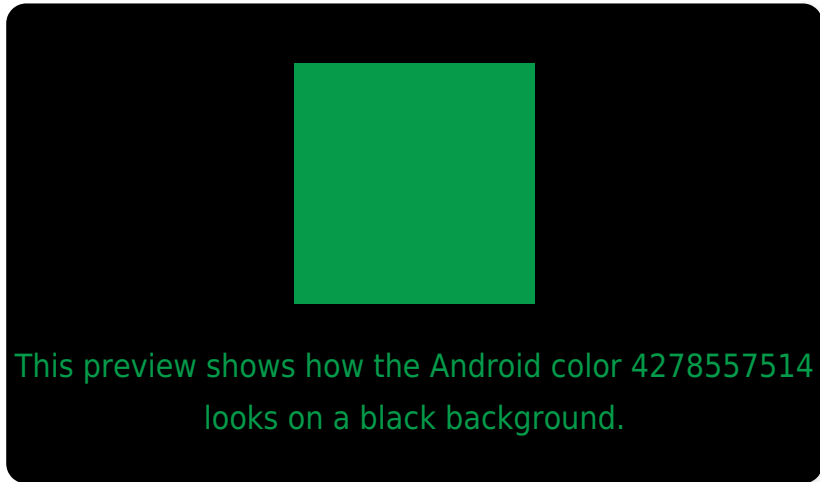
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

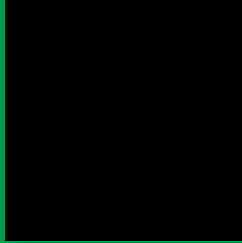
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278557514 Background



This preview shows how black text looks on a background with the Android color 4278557514.



This preview shows how white text looks on a background with the Android color 4278557514.

# 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**  
4278557514

**Protanopia**  
4287923779

**Deuteranopia**  
4288839505



# Trichromacy



**Original Color**

4278557514



**Protanomaly**

4284517958



**Deuteranomaly**

4285106510



**Tritanomaly**

4280849791

# Monochromacy



**Original Color**

4278557514



**Achromatopsia**

4284835173



**Achromatomaly**

4282546523

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278557514 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(5, 155, 74)` looks like.

```
.text, #text, p{  
    color:rgb(5, 155, 74)  
}
```

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(5, 155, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 155, 74) }
```

## Border

The CSS property to change the border of an element to Android 4278557514 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(5, 155, 74) }
```

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

```
.border{ border-color:rgb(5, 155, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 155, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 155, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 155, 74);  
box-shadow:4px 4px 4px 4px rgb(5, 155, 74)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278557514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 155, 74) }
```

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

```
.background{ background-color: rgb(5, 155,  
74) }
```

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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