

# Converting Colors

Android(4278219546)

Have a look what the booklet for  
Android(4278219546) contains.

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# Color

**Android(4278219546)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00731A
RGB	0, 115, 26
RGB Percent	0%, 45%, 10%
CMY	1.0000, 0.5490, 0.8980
CMYK	1.00, 0.00, 0.77, 0.55
HSL	134°, 100%, 23%
HSV	134°, 100%, 45%
XYZ	6.3172, 12.3360, 3.0254
YIQ	70.4690, -39.9710, -52.0590

# Conversions

## Conversions Part 2

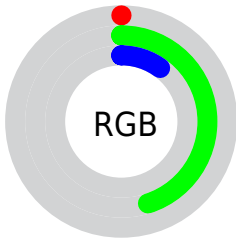
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 115
Decimal	29466
CIELab	41.75, -46.37, 38.98
CIELCh	42, 60.578, 139.944
Yxy	12.3360, 0.2914, 0.5690
Android (android.graphics.Color)	4278219546 (0xFF00731A)
YUV	70.4690, -21.9232, -61.8013
Hunter-Lab	35.1227, -29.3597, 19.4787

# Details

The Android color **4278219546** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4285726809**, and the grayscale version is **4282861383**.

A 20% lighter version of the original color is **4283213900**, and **4278206720** is the 20% darker color. If you saturate the color by 10%, you get **4278219546**, and if you desaturate by 10%, it is **4278940451**.

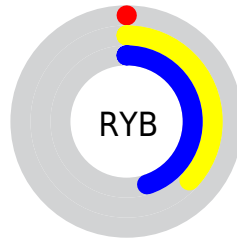
# Distribution



Red (0%)

Green (45%)

Blue (10%)



Red (0%)

Yellow (37%)

Blue (45%)

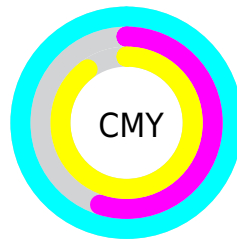


Cyan (100%)

Magenta (0%)

Yellow (77%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278219546 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 4278219546 by changing the saturation by 10% instead.



 4278219546

 4278219546

4294967295

 4278213120

 4283213900

 4278206720

 4285056101

 4278201088

 4286898303

 4278193152

 4288740762

 4278190080

 4290641845

 4292542417

 4294508526

 4278219546

 4278940451

 4279726892

 4280513333

 4281234238

 4282020679

 4282741583

 4283528024

 4284248929

 4285035370

# Harmonies

## Analogous

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



4283984384



4278219546



4278220623

# Triad

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



4278219546



4278218437



4290259524

# Complementary

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



4278219546



4285726809

# 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.



4289866101



4278219546



4281556417

# Square

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



4278219546



4278220462



4287382435



4289151763

# Rectangle

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



4278219546



4278220914



4287382435



4290324052



# Sweetspot

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



4278219546



4285109876



4284117760



4281421111



4291611852



4283256141



# Same Dimension

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



4278219546



4278228514



4278219602



4281678646



4278221340



4278254136



# Inverse Universe

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



4285726809



4288020596



4285726753



4282070329



4286185567

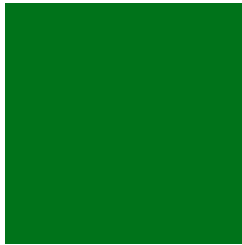


4294574273



# Previews

## White Background



This preview shows how the Android color 4278219546 looks on a white background.

## Color Contrast Check

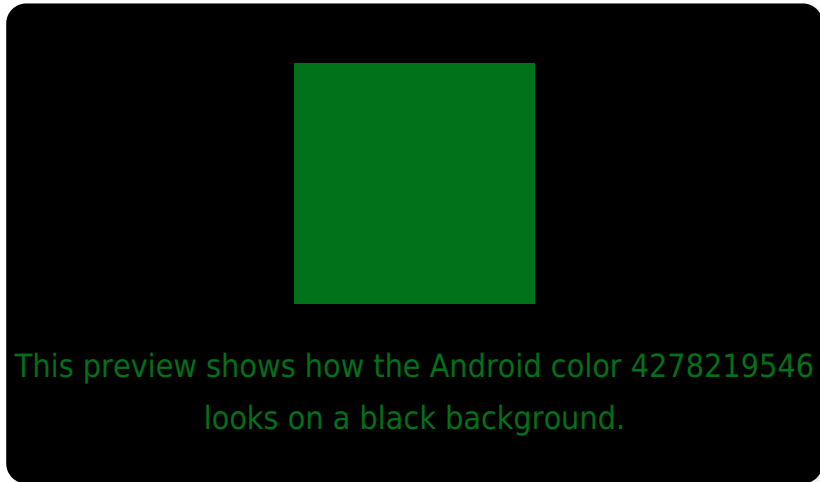
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 4278219546 Background



This preview shows how black text looks on a background with the Android color 4278219546.



This preview shows how white text looks on a background with the Android color 4278219546.

# 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**  
4278219546

**Protanopia**  
4285489942

**Deuteranopia**  
4286274851



# Trichromacy



**Original Color**

4278219546



**Protanomaly**

4282870039



**Deuteranomaly**

4283327776



**Tritanomaly**

4280249939

# Monochromacy



**Original Color**

4278219546



**Achromatopsia**

4282795590



**Achromatomaly**

4281161270

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278219546 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, 115, 26)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 26)  
}
```

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, 115, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 26) }
```

## Border

The CSS property to change the border of an element to Android 4278219546 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, 115, 26) }
```

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

```
.border{ border-color:rgb(0, 115, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 26);  
box-shadow:4px 4px 4px 4px rgb(0, 115, 26)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278219546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 26) }
```

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

```
.background{ background-color: rgb(0, 115,  
26) }
```

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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