

# Converting Colors

Android(4278679296)

Have a look what the booklet for  
Android(4278679296) contains.

<b>Android(4278679296)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4278679296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	077700
RGB	7, 119, 0
RGB Percent	3%, 47%, 0%
CMY	0.9725, 0.5333, 1.0000
CMYK	0.94, 0.00, 1.00, 0.53
HSL	116°, 100%, 23%
HSV	116°, 100%, 47%
XYZ	6.6844, 13.2388, 2.2030
YIQ	71.9460, -28.5530, -60.7530

# Conversions

## Conversions Part 2

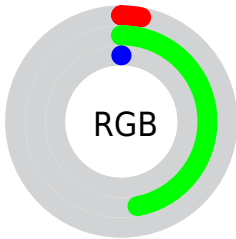
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 119, 112
Decimal	489216
CIELab	43.12, -48.45, 47.43
CIELCh	43, 67.801, 135.605
Yxy	13.2388, 0.3021, 0.5983
Android (android.graphics.Color)	4278679296 (0xFF077700)
YUV	71.9460, -35.4694, -56.9576
Hunter-Lab	36.3852, -30.8812, 21.8798

# Details

The Android color `4278679296` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285530231`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4283542589`, and `4278207744` is the 20% darker color. If you saturate the color by 10%, you get `4278679296`, and if you desaturate by 10%, it is `4279400204`.

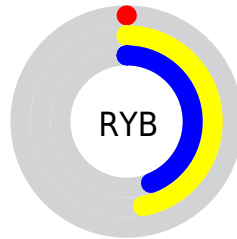
# Distribution



Red (3%)

Green (47%)

Blue (0%)



Red (0%)

Yellow (47%)

Blue (44%)

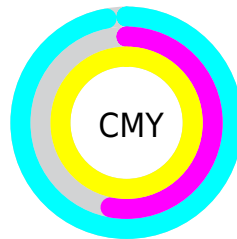


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (97%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278679296 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 4278679296 by changing the saturation by 10% instead.



 4278679296

 4278679296

4294967293

 4278213888

 4283542589

 4278207744

 4285384791

 4278201856

 4287292785

 4278194944

 4289134476

 4278190080

 4291035047

 4292935619

 4294901728

 4278679296

 4279400204

 4280121112

 4280907556

 4281628464

 4282349371

 4283070279

 4283791187

 4284577631

 4285298539

# Harmonies

## Analogous

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



4284574720



4278679296



4278221896

# Triad

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



4278679296



4278219988



4291172683

# Complementary

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



4278679296



4285530231

# 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.



4290453891



4278679296



4278215635

# Square

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



4278679296



4278222006



4287317685



4290133011

# Rectangle

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



4278679296



4278222447



4287317685



4291171166



# Sweetspot

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



4278679296



4285570157



4286017280



4281618227



4291809231



4283387727



# Same Dimension

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



4278679296



4278819840



4278220596



4281678645



4278680064



4279237120



# Inverse Universe

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



4285530231



4287758492



4285988931



4282004795



4285726842

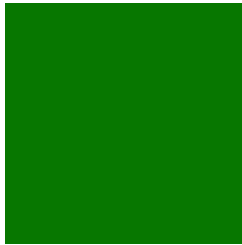


4293591290



# Previews

## White Background



This preview shows how the Android color 4278679296 looks on a white background.

## Color Contrast Check

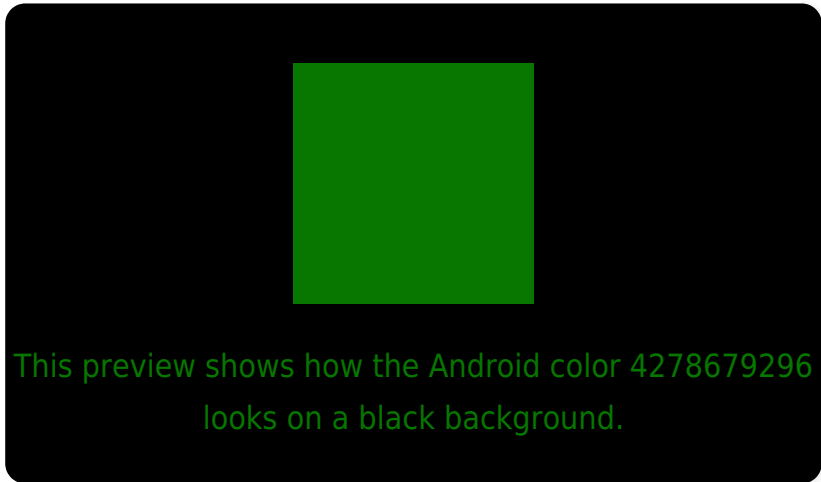
Large Text (above 18pt) WCAG AA ✓ Pass

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

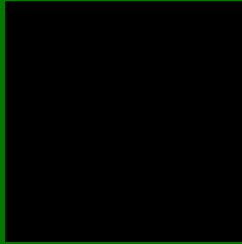
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278679296 Background



This preview shows how black text looks on a background with the Android color 4278679296.



This preview shows how white text looks on a background with the Android color 4278679296.

# 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**  
4278679296

**Protanopia**  
4285752832

**Deuteranopia**  
4286603290



# Trichromacy



**Original Color**

4278679296



**Protanomaly**

4283198464



**Deuteranomaly**

4283721745



**Tritanomaly**

4280447564

# Monochromacy



**Original Color**

4278679296



**Achromatopsia**

4282927176



**Achromatomaly**

4281358638

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278679296 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(7, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(7, 119, 0)  
}
```

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(7, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 119, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278679296 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(7, 119, 0) }
```

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

```
.border{ border-color:rgb(7, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 119, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 119, 0); box-shadow:4px  
4px 4px 4px rgb(7, 119, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278679296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 119, 0) }
```

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

```
.background{ background-color: rgb(7, 119,  
0) }
```

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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