

# Converting Colors

Android(4278417920)

Have a look what the booklet for  
Android(4278417920) contains.

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# Color

**Android(4278417920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	037A00
RGB	3, 122, 0
RGB Percent	1%, 48%, 0%
CMY	0.9882, 0.5216, 1.0000
CMYK	0.98, 0.00, 1.00, 0.52
HSL	119°, 100%, 24%
HSV	119°, 100%, 48%
XYZ	6.9971, 13.9384, 2.3216
YIQ	72.5110, -31.7620, -63.1700

# Conversions

## Conversions Part 2

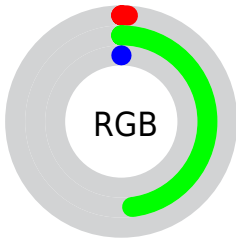
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 122, 119
Decimal	227840
CIELab	44.14, -49.69, 48.24
CIELCh	44, 69.253, 135.849
Yxy	13.9384, 0.3009, 0.5993
Android (android.graphics.Color)	4278417920 (0xFF037A00)
YUV	72.5110, -35.7479, -60.9611
Hunter-Lab	37.3342, -31.8808, 22.4470

# Details

The Android color `4278417920` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285988986`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4283478078`, and `4278208512` is the 20% darker color. If you saturate the color by 10%, you get `4278417920`, and if you desaturate by 10%, it is `4279204364`.

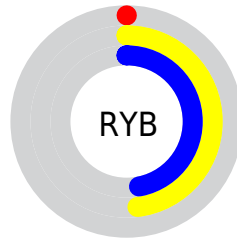
# Distribution



Red (1%)

Green (48%)

Blue (0%)



Red (0%)

Yellow (48%)

Blue (47%)

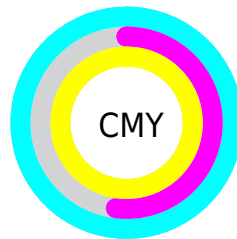


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (99%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278417920 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 4278417920 by changing the saturation by 10% instead.



 4278417920

 4278417920

4294967294

 4278214656

 4283478078

 4278208512

 4285385816


 4278202624

 4287293554

 4278195968

 4289134477

 4278190080

 4291035048

 4293001156


 4294967265

 4278417920

 4279204364

 4279990808

 4280777253

 4281563697

 4282284605

 4283071049

 4283857493

 4284643938

 4285430382

# Harmonies

## Analogous

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



4284706560



4278417920



4278222666

# Triad

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



4278417920



4278220761



4291500365

# Complementary

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



4278417920



4285988986

# 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.



4290716038



4278417920



4278216153

# Square

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



4278417920



4278222779



4287580346



4290395667

# Rectangle

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



4278417920



4278223219



4287580346



4291498592



# Sweetspot

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



4278417920



4285570671



4286215680



4281552691



4291809231



4283387727



# Same Dimension

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



4278417920



4278492672



4278221369



4281810231



4278418688



4278647808



# Inverse Universe

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



4285988986



4288282782



4286185537



4282201917



4286185597

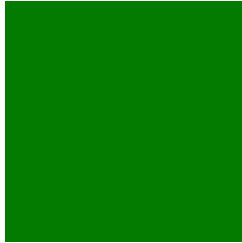


4294312188



# Previews

## White Background



This preview shows how the Android color 4278417920 looks on a white background.

## Color Contrast Check

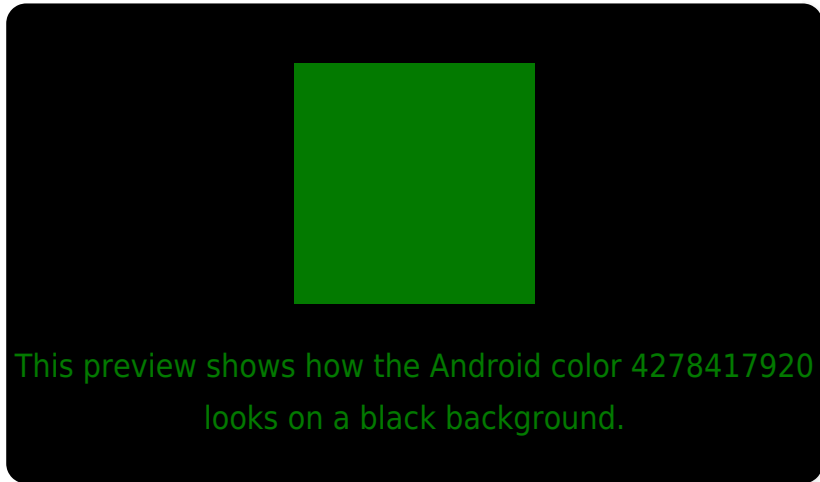
Large Text (above 18pt) WCAG AA ✓ Pass

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

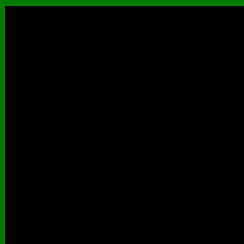
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278417920 Background



This preview shows how black text looks on a background with the Android color 4278417920.



This preview shows how white text looks on a background with the Android color 4278417920.

# 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**  
4278417920

**Protanopia**  
4285949952

**Deuteranopia**  
4286800666



# Trichromacy



**Original Color**  
4278417920



**Protanomaly**  
4283199232



**Deuteranomaly**  
4283722513



**Tritanomaly**  
4280448078

# Monochromacy



**Original Color**  
4278417920



**Achromatopsia**  
4282992969



**Achromatomaly**  
4281359150

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278417920 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(3, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(3, 122, 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(3, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 122, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278417920 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(3, 122, 0) }
```

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

```
.border{ border-color:rgb(3, 122, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 122, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 122, 0); box-shadow:4px  
4px 4px 4px rgb(3, 122, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278417920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 122, 0) }
```

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

```
.background{ background-color: rgb(3, 122,  
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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