

# Converting Colors

Android(4280974592)

Have a look what the booklet for  
Android(4280974592) contains.

<b>Android(4280974592)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4280974592)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A7D00
RGB	42, 125, 0
RGB Percent	16%, 49%, 0%
CMY	0.8353, 0.5098, 1.0000
CMYK	0.66, 0.00, 1.00, 0.51
HSL	100°, 100%, 25%
HSV	100°, 100%, 49%
XYZ	8.2885, 15.1595, 2.4892
YIQ	85.9330, -9.3430, -56.4710

# Conversions

## Conversions Part 2

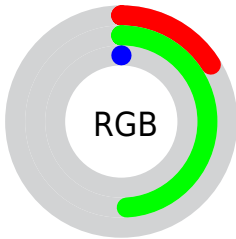
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 125, 83
Decimal	2784512
CIELab	45.85, -44.88, 49.88
CIELCh	46, 67.096, 131.979
Yxy	15.1595, 0.3196, 0.5845
Android (android.graphics.Color)	4280974592 (0xFF2A7D00)
YUV	85.9330, -42.3650, -38.5292
Hunter-Lab	38.9352, -30.1377, 23.4641

# Details

The Android color **4280974592** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4283629693**, and the grayscale version is **4283848278**.

A 20% lighter version of the original color is **4284789567**, and **4278209280** is the 20% darker color. If you saturate the color by 10%, you get **4280974592**, and if you desaturate by 10%, it is **4281498892**.

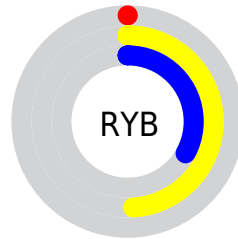
# Distribution



Red (16%)

Green (49%)

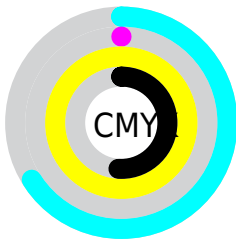
Blue (0%)



Red (0%)

Yellow (49%)

Blue (33%)

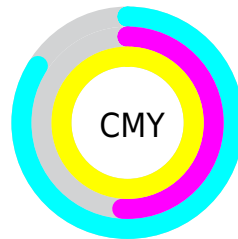


Cyan (66%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (84%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280974592 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 4280974592 by changing the saturation by 10% instead.



 4280974592

 4280974592

4294967295

 4278215424

 4284789567

 4278209280

 4286631513

 4278203136

 4288473972

 4278197504

 4290379663

 4278190080

 4292280234

 4294180806

 4294967267

 4280974592

■ 4281498892

■ 4282088729

■ 4282613030

■ 4283137330

■ 4283727167

■ 4284251467

■ 4284775767

■ 4285300068

■ 4285889905

# Harmonies

## Analogous

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



4285493504



4280974592



4278223687

# Triad

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



4280974592



4278222040



4291700057

# Complementary

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



4280974592



4283629693

# 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.



4290654609



4280974592



4278217948

# Square

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



4280974592



4278224055



4287189697



4290855202

# Rectangle

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



4280974592



4278224239



4287189697



4291568491



# Sweetspot

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



4280974592



4286817138



4286402816



4282274356



4291940817



4283585106



# Same Dimension

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



4280974592



4281836288



4278222099



4282138681



4281040896



4278190080



# Inverse Universe

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



4283629693



4285268131



4286382186



4282267968



4283760768

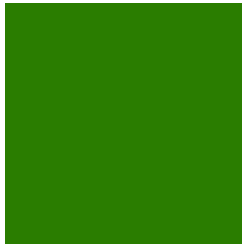


4278190080



# Previews

## White Background



This preview shows how the Android color 4280974592 looks on a white background.

## Color Contrast Check

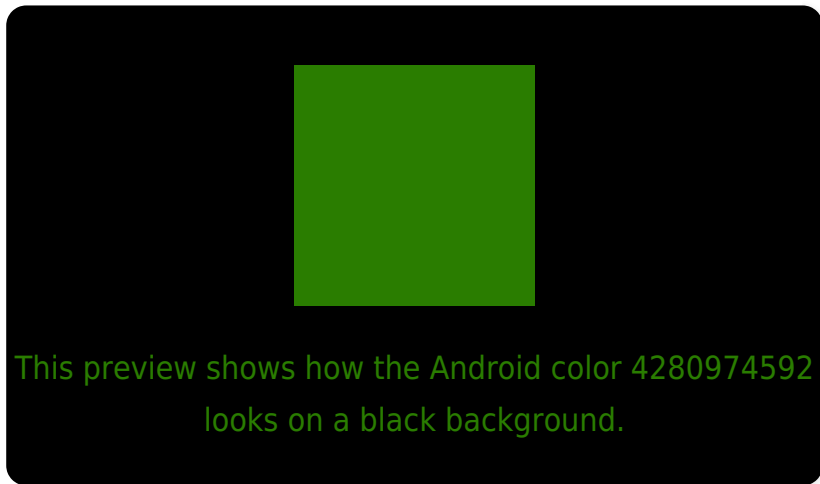
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280974592 Background



This preview shows how black text looks on a background with the Android color 4280974592.



This preview shows how white text looks on a background with the Android color 4280974592.

# 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**  
4280974592

**Protanopia**  
4286213120

**Deuteranopia**  
4287129370



# Trichromacy



**Original Color**  
4280974592

**Protanomaly**  
4284314112

**Deuteranomaly**  
4284903185

**Tritanomaly**  
4281956176

# Monochromacy



**Original Color**  
4280974592

**Achromatopsia**  
4283848278

**Achromatomaly**  
4282803255

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280974592 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(42, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(42, 125, 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(42, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 125, 0) }
```

## Border

The CSS property to change the border of an element to Android 4280974592 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(42, 125, 0) }
```

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

```
.border{ border-color:rgb(42, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(42, 125, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280974592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 125, 0) }
```

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

```
.background{ background-color: rgb(42, 125,  
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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