

# Converting Colors

Android(4280980224)

Have a look what the booklet for  
Android(4280980224) contains.

<b>Android(4280980224)</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(4280980224)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A9300
RGB	42, 147, 0
RGB Percent	16%, 58%, 0%
CMY	0.8353, 0.4235, 1.0000
CMYK	0.71, 0.00, 1.00, 0.42
HSL	103°, 100%, 29%
HSV	103°, 100%, 58%
XYZ	11.3886, 21.3597, 3.5226
YIQ	98.8470, -15.3930, -67.9770

# Conversions

## Conversions Part 2

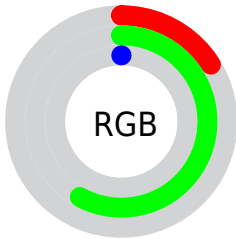
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 147, 105
Decimal	2790144
CIELab	53.34, -52.39, 55.83
CIELCh	53, 76.555, 133.179
Yxy	21.3597, 0.3140, 0.5889
Android (android.graphics.Color)	4280980224 (0xFF2A9300)
YUV	98.8470, -48.7316, -49.8548
Hunter-Lab	46.2165, -36.8934, 27.8325

# Details

The Android color `4280980224` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4285071507`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4285123141`, and `4278214400` is the 20% darker color. If you saturate the color by 10%, you get `4280980224`, and if you desaturate by 10%, it is `4281701135`.

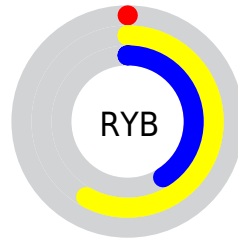
# Distribution



Red (16%)

Green (58%)

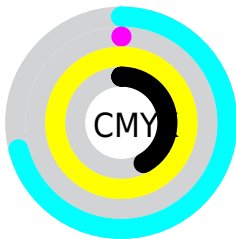
Blue (0%)



Red (0%)

Yellow (58%)

Blue (41%)

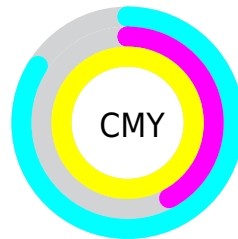


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (84%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280980224 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 4280980224 by changing the saturation by 10% instead.





4280980224



4280980224

4294967295



4278221056



4285123141



4278214400



4287031136



4278208000



4288937851



4278202368



4290838422



4278195200



4292804530



4278190080




4294770638



4294967275



4280980224

 4281701135

 4282356509

 4283077420

 4283732795

 4284453706

 4285109080

 4285829991

 4286485366

 4287206276

# Harmonies

## Analogous

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



4286612992



4280980224



4278229591

# Triad

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



4280980224



4278227455



4293995110

# Complementary

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



4280980224



4285071507

# 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.



4292884135



4280980224



4278222591

# Square

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



4280980224



4278229721



4288962273



4292955429

# Rectangle

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



4280980224



4278230149



4288962273



4293928571



# Sweetspot

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



4280980224



4288069510



4287850240



4282933566



4292927712



4284572001



# Same Dimension

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



4280980224



4281843456



4278227741



4282731075



4280781312



4278389248



# Inverse Universe

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



4285071507



4287168703



4287823990



4282925898



4284612746

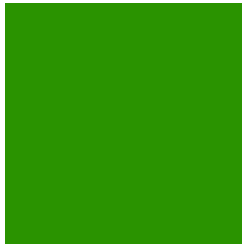


4278648842



# Previews

## White Background



This preview shows how the Android color 4280980224 looks on a white background.

## Color Contrast Check

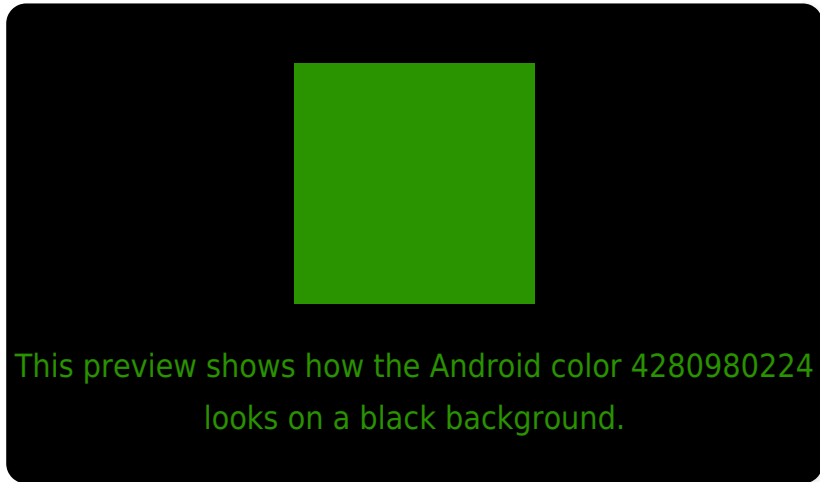
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280980224 Background



This preview shows how black text looks on a background with the Android color 4280980224.



This preview shows how white text looks on a background with the Android color 4280980224.

# 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**  
4280980224

**Protanopia**  
4287594240

**Deuteranopia**  
4288641055



# Trichromacy



**Original Color**

4280980224



**Protanomaly**

4285171200



**Deuteranomaly**

4285825556



**Tritanomaly**

4282289502

# Monochromacy



**Original Color**

4280980224



**Achromatopsia**

4284703587



**Achromatomaly**

4283331647

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280980224 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, 147, 0)` looks like.

```
.text, #text, p{  
    color:rgb(42, 147, 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, 147, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 147, 0) }
```

## Border

The CSS property to change the border of an element to Android 4280980224 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, 147, 0) }
```

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

```
.border{ border-color:rgb(42, 147, 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, 147, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 147, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 147, 0);  
box-shadow:4px 4px 4px 4px rgb(42, 147, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280980224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 147, 0) }
```

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

```
.background{ background-color: rgb(42, 147,  
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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