

# Converting Colors

Android(4283471360)

Have a look what the booklet for  
Android(4283471360) contains.

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# Color

**Android(4283471360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	509600
RGB	80, 150, 0
RGB Percent	31%, 59%, 0%
CMY	0.6863, 0.4118, 1.0000
CMYK	0.47, 0.00, 1.00, 0.41
HSL	88°, 100%, 29%
HSV	88°, 100%, 59%
XYZ	14.2146, 23.5182, 3.7903
YIQ	111.9700, 6.4300, -61.4900

# Conversions

## Conversions Part 2

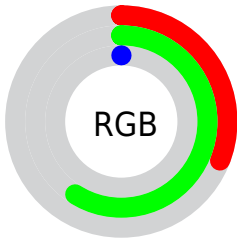
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 150, 70
Decimal	5281280
CIELab	55.60, -43.23, 58.15
CIELCh	56, 72.457, 126.628
Yxy	23.5182, 0.3423, 0.5664
Android (android.graphics.Color)	4283471360 (0xFF509600)
YUV	111.9700, -55.2012, -28.0377
Hunter-Lab	48.4955, -32.5467, 29.3129

# Details

The Android color `4283471360` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4282777750`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4287155526`, and `4279263744` is the 20% darker color. If you saturate the color by 10%, you get `4283471360`, and if you desaturate by 10%, it is `4283930127`.

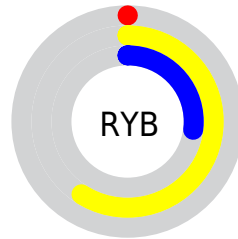
# Distribution



Red (31%)

Green (59%)

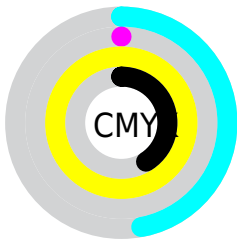
Blue (0%)



Red (0%)

Yellow (59%)

Blue (27%)

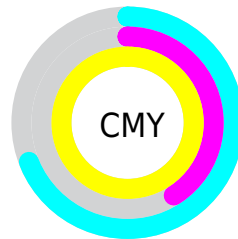


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (69%)

Magenta (41%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283471360 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 4283471360 by changing the saturation by 10% instead.



 4283471360

 4283471360

4294967295

 4281564160

 4287155526

 4279263744

 4288997729

 4278209024

 4290903932

 4278202880

 4292804504

 4278197248

 4294770612

 4278190080

 4294967248

 4294967277

 4283471360

 4283930127

 4284388894

 4284847661

 4285306428

 4285765195

 4286223962

 4286682729

 4287141496

 4287600263

# Harmonies

## Analogous

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



4287923968



4283471360



4278230608

# Triad

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



4283471360



4278229497



4294130554

# Complementary

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



4283471360



4282777750

# 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.



4292496568



4283471360



4278225407

# Square

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



4283471360



4278231247



4288048619



4293546045

# Rectangle

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



4283471360



4278231164



4288048619



4293868687



# Sweetspot

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



4283471360



4289184392



4288038400



4283523390



4292927712



4284572001



# Same Dimension

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



4283471360



4284989952



4278556160



4282796611



4283009536



4278520320



# Inverse Universe

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



4282777750



4284088514



4287692950



4282794826



4282384522



4278517770



# Previews

## White Background



This preview shows how the Android color 4283471360 looks on a white background.

## Color Contrast Check

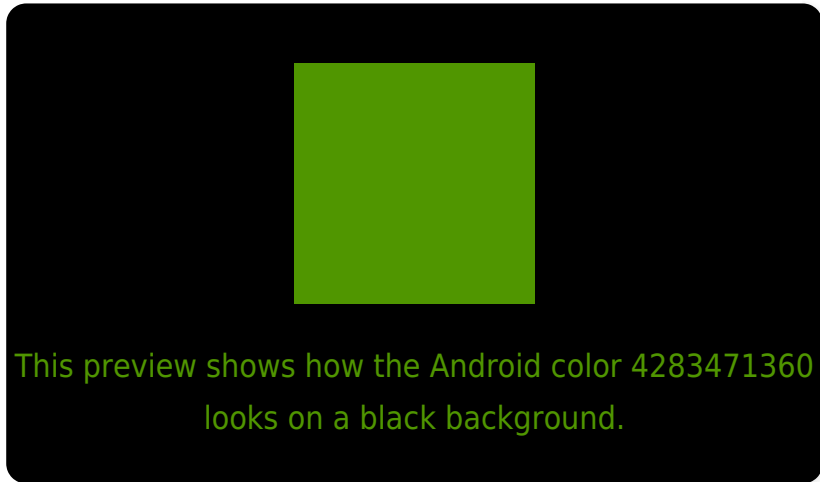
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283471360 Background



This preview shows how black text looks on a background with the Android color 4283471360.



This preview shows how white text looks on a background with the Android color 4283471360.

# 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**  
4283471360

**Protanopia**  
4288054528

**Deuteranopia**  
4289166878



# Trichromacy



**Original Color**  
4283471360

**Protanomaly**  
4286417664

**Deuteranomaly**  
4287072019

**Tritanomaly**  
4284256096

# Monochromacy



**Original Color**  
4283471360

**Achromatopsia**  
4285558896

**Achromatomaly**  
4284776007

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283471360 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(80, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(80, 150, 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(80, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 150, 0) }
```

## Border

The CSS property to change the border of an element to Android 4283471360 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(80, 150, 0) }
```

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

```
.border{ border-color:rgb(80, 150, 0) }
```

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

Here you see how a box with a 4 pixel rgb(80, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(80, 150, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283471360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 150, 0) }
```

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

```
.background{ background-color: rgb(80, 150,  
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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