

# Converting Colors

Android(4278357060)

Have a look what the booklet for  
Android(4278357060) contains.

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# Color

**Android(4278357060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	028C44
RGB	2, 140, 68
RGB Percent	1%, 55%, 27%
CMY	0.9922, 0.4510, 0.7333
CMYK	0.99, 0.00, 0.51, 0.45
HSL	149°, 97%, 28%
HSV	149°, 99%, 55%
XYZ	10.4465, 19.1864, 8.6216
YIQ	90.5300, -59.1360, -51.6480

# Conversions

## Conversions Part 2

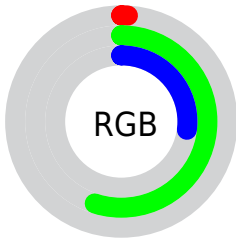
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 95, 140
Decimal	166980
CIELab	50.90, -48.88, 29.47
CIELCh	51, 57.074, 148.913
Yxy	19.1864, 0.2731, 0.5015
Android (android.graphics.Color)	4278357060 (0xFF028C44)
YUV	90.5300, -11.1073, -77.6408
Hunter-Lab	43.8023, -34.0832, 18.9916

# Details

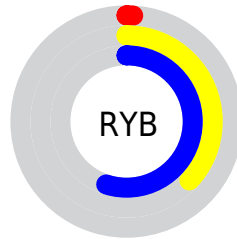
The Android color `4278357060` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4287365706`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4283679606`, and `4278212629` is the 20% darker color. If you saturate the color by 10%, you get `4278225987`, and if you desaturate by 10%, it is `4279274571`.

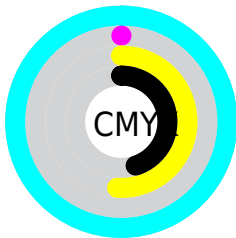
# Distribution



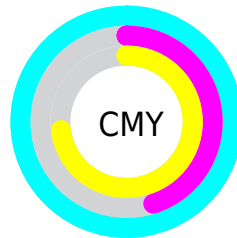
- Red (1%)
- Green (55%)
- Blue (27%)



- Red (1%)
- Yellow (37%)
- Blue (55%)



- Cyan (99%)
- Magenta (0%)
- Yellow (51%)
- Black (45%)



- Cyan (99%)
- Magenta (45%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278357060 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 4278357060 by changing the saturation by 10% instead.



 4278357060

 4278357060

4294967295

 4278219308

 4283679606

 4278212629

 4285587344

 4278206464

 4287495338

 4278200832

 4289396678

 4278191616

 4291297250

 4278190080

 4293263359


 4278357060

 4278357060

 4278225987

 4279274571

 4280192083

 4281109594

 4282027105

 4282944617

 4283862128

 4284779639

 4285697150

 4286614662

# Harmonies

## Analogous

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



4284646423



4278357060



4278227062

# Triad

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



4278357060



4278223067



4291645261

# Complementary

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



4278357060



4287365706

# 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.



4291643517



4278357060



4285820367

# Square

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



4278357060



4278225868



4289877932



4290208547

# Rectangle

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



4278357060



4278227095



4289877932



4291840605



# Sweetspot

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



4278357060



4286559641



4283206658



4282080331



4292598747



4284243036



# Same Dimension

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



4278357060



4278236503



4278357127



4282271041



4278224191



4278191362



# Inverse Universe

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



4287365706



4290052190



4287365639



4282728002



4286906437



4278517763



# Previews

## White Background



This preview shows how the Android color 4278357060 looks on a white background.

## Color Contrast Check

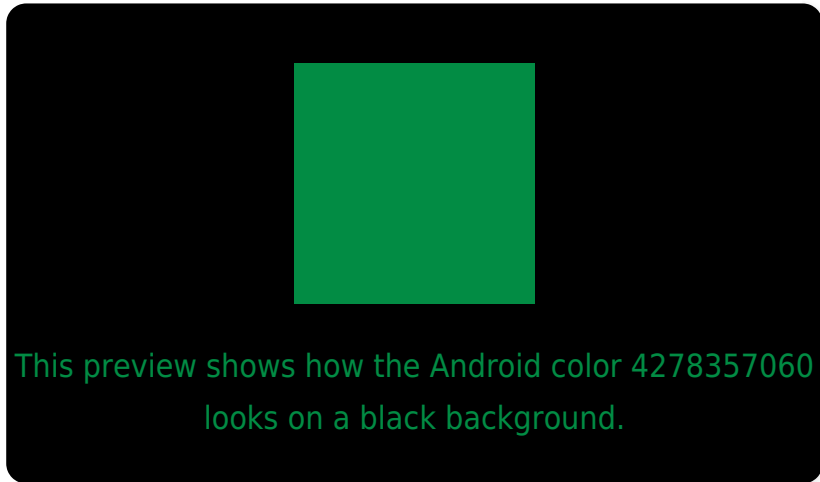
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278357060 Background



This preview shows how black text looks on a background with the Android color 4278357060.



This preview shows how white text looks on a background with the Android color 4278357060.

# 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





# Trichromacy



**Original Color**

4278357060



**Protanomaly**

4283793472



**Deuteranomaly**

4284382280



**Tritanomaly**

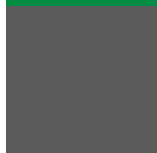
4280518516

# Monochromacy



**Original Color**

4278357060



**Achromatopsia**

4284177243



**Achromatomaly**

4282084691

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278357060 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(2, 140, 68)` looks like.

```
.text, #text, p{  
    color:rgb(2, 140, 68)  
}
```

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(2, 140, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 140, 68) }
```

## Border

The CSS property to change the border of an element to Android 4278357060 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(2, 140, 68) }
```

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

```
.border{ border-color:rgb(2, 140, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 140, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 140, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 140, 68);  
box-shadow:4px 4px 4px 4px rgb(2, 140, 68)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278357060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 140, 68) }
```

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

```
.background{ background-color: rgb(2, 140,  
68) }
```

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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