

# Converting Colors

Android(4278530332)

Have a look what the booklet for  
Android(4278530332) contains.

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# Color

**Android(4278530332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05311C
RGB	5, 49, 28
RGB Percent	2%, 19%, 11%
CMY	0.9804, 0.8078, 0.8902
CMYK	0.90, 0.00, 0.43, 0.81
HSL	151°, 81%, 11%
HSV	151°, 90%, 19%
XYZ	1.3705, 2.3127, 1.4728
YIQ	33.4500, -19.4830, -15.8590

# Conversions

## Conversions Part 2

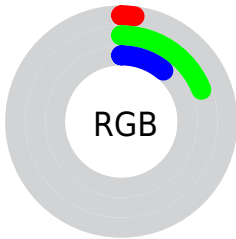
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 34, 49
Decimal	340252
CIELab	17.05, -20.76, 9.33
CIELCh	17, 22.757, 155.799
Yxy	2.3127, 0.2658, 0.4486
Android (android.graphics.Color)	4278530332 (0xFF05311C)
YUV	33.4500, -2.6869, -24.9507
Hunter-Lab	15.2077, -10.5272, 4.9035

# Details

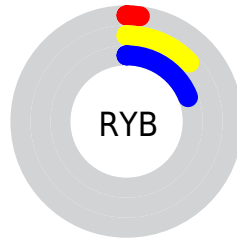
The Android color **4278530332** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281402650**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4281753672**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278202650**, and if you desaturate by 10%, it is **4278858014**.

# Distribution



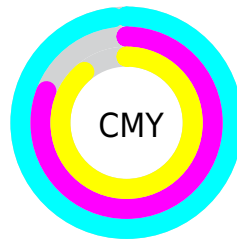
- Red (2%)
- Green (19%)
- Blue (11%)



- Red (2%)
- Yellow (13%)
- Blue (19%)



- Cyan (90%)
- Magenta (0%)
- Yellow (43%)
- Black (81%)



- Cyan (98%)
- Magenta (81%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278530332 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 4278530332 by changing the saturation by 10% instead.




 4278530332

 4278530332

 4293918719

 4278197506

 4281753672

 4278190080

 4283332959

 4284978040

 4286688658

 4288399788

 4290176456

 4292018148

 4278530332

 4278530332

■ 4278202650

■ 4278858014

■ 4279185697

■ 4279513379

■ 4279841061

■ 4280168744

■ 4280430890

■ 4280758572

■ 4281086255

■ 4281413937

# Harmonies

## Analogous

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



4280233486



4278530332



4278202925

# Triad

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



4278530332



4279184202



4282785304

# Complementary

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



4278530332



4281402650

# 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.



4282915623



4278530332



4281279556

# Square

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



4278530332



4278202183



4282392120



4282262538

# Rectangle

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



4278530332



4278202936



4282392120



4282916125



# Sweetspot

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



4278530332



4281286712



4279906565



4279705884



4288782753



4280361249



# Same Dimension

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



4278530332



4278206497



4278530097



4279704088



4278212911



4278245745



# Inverse Universe

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



4281402650



4282384414



4281402885



4279899928



4284022827

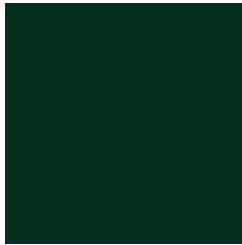


4292411495



# Previews

## White Background



This preview shows how the Android color 4278530332 looks on a white background.

## Color Contrast Check

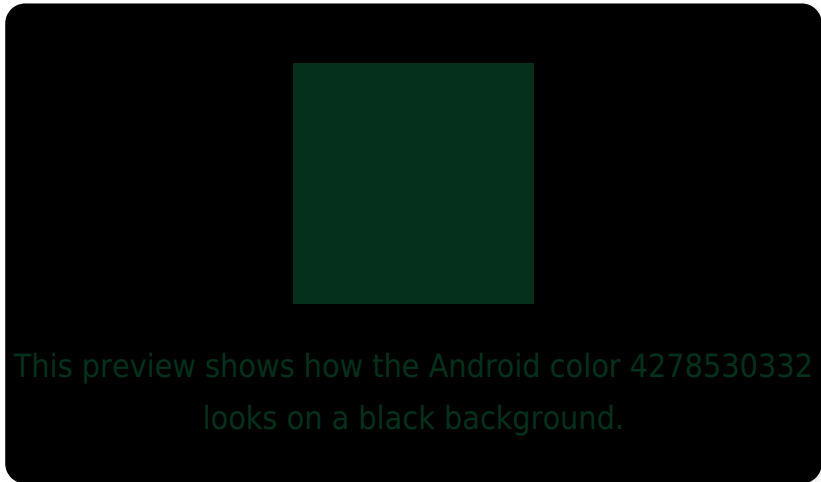
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

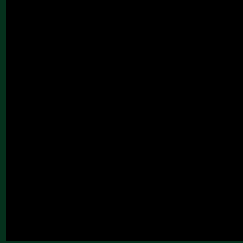
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278530332 Background



This preview shows how black text looks on a background with the Android color 4278530332.



This preview shows how white text looks on a background with the Android color 4278530332.

# 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**  
4278530332

**Protanopia**  
4281215513

**Deuteranopia**  
4281477406



# Trichromacy



**Original Color**  
4278530332

**Protanomaly**  
4280233242

**Deuteranomaly**  
4280429597

**Tritanomaly**  
4279119658

# Monochromacy



**Original Color**  
4278530332

**Achromatopsia**  
4280361249

**Achromatomaly**  
4279707423

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278530332 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(5, 49, 28)` looks like.

```
.text, #text, p{  
    color:rgb(5, 49, 28)  
}
```

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(5, 49, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 49, 28) }
```

## Border

The CSS property to change the border of an element to Android 4278530332 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(5, 49, 28) }
```

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

```
.border{ border-color:rgb(5, 49, 28) }
```

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

Here you see how a box with a 4 pixel rgb(5, 49, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 49, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 49, 28); box-shadow:4px  
4px 4px 4px rgb(5, 49, 28) }
```

# Background

The CSS property to change the background color of an element to Android 4278530332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 49, 28) }
```

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

```
.background{ background-color: rgb(5, 49,  
28) }
```

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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