

# Converting Colors

Android(4278213667)

Have a look what the booklet for  
Android(4278213667) contains.

<b>Android(4278213667)</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(4278213667)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005C23
RGB	0, 92, 35
RGB Percent	0%, 36%, 14%
CMY	1.0000, 0.6392, 0.8627
CMYK	1.00, 0.00, 0.62, 0.64
HSL	143°, 100%, 18%
HSV	143°, 100%, 36%
XYZ	4.1305, 7.7756, 2.8733
YIQ	57.9940, -36.5350, -37.2310

# Conversions

## Conversions Part 2

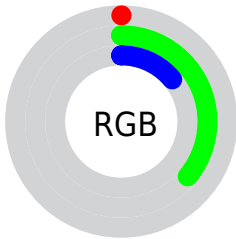
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 92
Decimal	23587
CIELab	33.51, -37.62, 25.82
CIELCh	34, 45.630, 145.537
Yxy	7.7756, 0.2795, 0.5261
Android (android.graphics.Color)	4278213667 (0xFF005C23)
YUV	57.9940, -11.3360, -50.8607
Hunter-Lab	27.8848, -22.3577, 13.4101

# Details

The Android color `4278213667` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4284219449`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4282617681`, and `4278201600` is the 20% darker color. If you saturate the color by 10%, you get `4278213667`, and if you desaturate by 10%, it is `4278803497`.

# Distribution



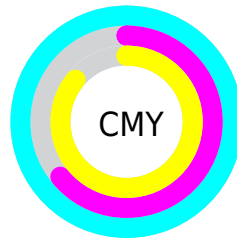
- Red (0%)
- Green (36%)
- Blue (14%)



- Red (0%)
- Yellow (26%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278213667 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 4278213667 by changing the saturation by 10% instead.



 4278213667

 4278213667

4294967295

 4278207500

 4282617681

 4278201600

 4284394090


 4278195456

 4286170756

 4278190080

 4287947422

 4289789881

 4291624917

 4293525489

 4278213667

■ 4278803497

■ 4279393326

■ 4280048692

■ 4280638522

■ 4281228352

■ 4281818181

■ 4282408011

■ 4283063377

■ 4283653206

# Harmonies

## Analogous

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



4282537472



4278213667



4278214472

# Triad

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



4278213667



4278211991



4287442226

# Complementary

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



4278213667



4284219449

# 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.



4287375702



4278213667



4282534032

# Square

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



4278213667



4278213770



4285871736



4286528529

# Rectangle

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



4278213667



4278214497



4285871736



4287572286



# Sweetspot

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



4278213667



4283725922



4282014720



4280761648



4290624957



4282203453



# Same Dimension

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



4278213667



4278220846



4278213712



4280888875



4278218282



4278250842



# Inverse Universe

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



4284219449



4286054474



4284219404



4281215276



4285399108



4293722259



# Previews

## White Background



This preview shows how the Android color 4278213667 looks on a white background.

## Color Contrast Check

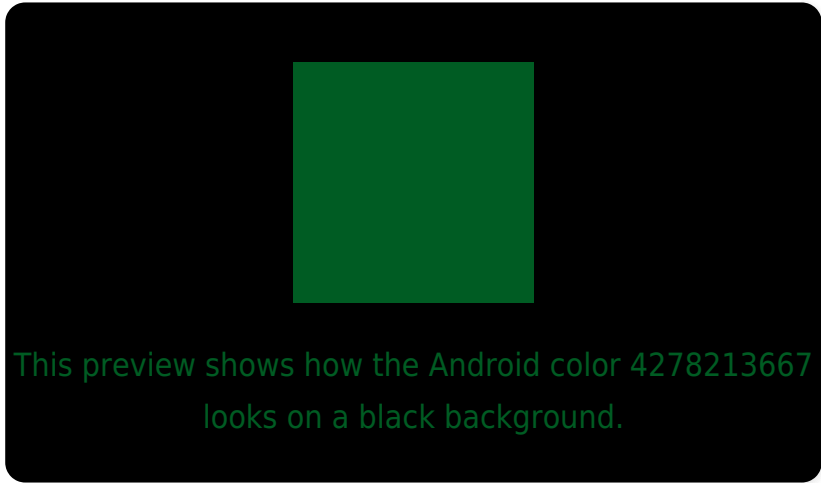
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278213667 Background



This preview shows how black text looks on a background with the Android color 4278213667.



This preview shows how white text looks on a background with the Android color 4278213667.

# 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**  
4278213667

**Protanopia**  
4283977503

**Deuteranopia**  
4284566312



# Trichromacy



**Original Color**

4278213667

**Protanomaly**

4281881632

**Deuteranomaly**

4282274086

**Tritanomaly**

4279785544

# Monochromacy



**Original Color**

4278213667

**Achromatopsia**

4282006074

**Achromatomaly**

4280632882

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278213667 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(0, 92, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 35)  
}
```

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(0, 92, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 35) }
```

## Border

The CSS property to change the border of an element to Android 4278213667 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(0, 92, 35) }
```

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

```
.border{ border-color:rgb(0, 92, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 92, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 92, 35); box-shadow:4px  
4px 4px 4px rgb(0, 92, 35) }
```

# Background

The CSS property to change the background color of an element to Android 4278213667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 92, 35) }
```

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

```
.background{ background-color: rgb(0, 92,  
35) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor