

# Converting Colors

Android(4282603828)

Have a look what the booklet for  
Android(4282603828) contains.

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# Color

**Android(4282603828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	435934
RGB	67, 89, 52
RGB Percent	26%, 35%, 20%
CMY	0.7373, 0.6510, 0.7961
CMYK	0.25, 0.00, 0.42, 0.65
HSL	96°, 26%, 28%
HSV	96°, 42%, 35%
XYZ	6.5070, 8.5860, 4.5631
YIQ	78.2040, -1.2350, -16.1710

# Conversions

## Conversions Part 2

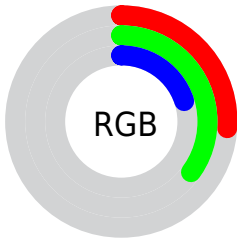
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 89, 74
Decimal	4413748
CIE <sub>Lab</sub>	35.17, -16.04, 18.76
CIE <sub>LCh</sub>	35, 24.683, 130.524
Yxy	8.5860, 0.3310, 0.4368
Android (android.graphics.Color)	4282603828 (0xFF435934)
YUV	78.2040, -12.9186, -9.8259
Hunter-Lab	29.3018, -11.6394, 11.2782

# Details

The Android color `4282603828` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4283053145`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4285827939`, and `4279708423` is the 20% darker color. If you saturate the color by 10%, you get `4282276139`, and if you desaturate by 10%, it is `4282931517`.

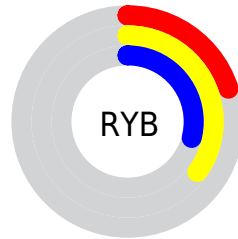
# Distribution



Red (26%)

Green (35%)

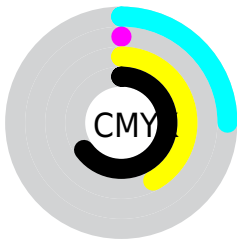
Blue (20%)



Red (20%)

Yellow (35%)

Blue (29%)

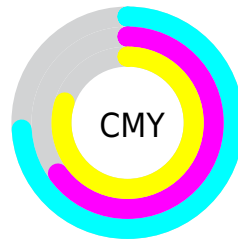


Cyan (25%)

Magenta (0%)

Yellow (42%)

Black (65%)



Cyan (74%)

Magenta (65%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282603828 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 4282603828 by changing the saturation by 10% instead.





4282603828



4282603828

4294967295



4281090590



4285827939



4279708423



4287538556



4278196224



4289249686



4278190080



4291091889



4292934092



4294836201



4282603828



4282603828



4282276139



4282931517

■ 4281882914

■ 4283324742

■ 4281555225

■ 4283652431

■ 4281227536

■ 4283980120

■ 4280899848

■ 4284307809

■ 4280572160

■ 4284701033

■ 4285028722

■ 4285356411

■ 4285749636

# Harmonies

## Analogous

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



4284044331



4282603828



4280900677

# Triad

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



4282603828



4279851127



4286137164

# Complementary

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



4282603828



4283053145

# 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.



4285613408



4282603828



4282471033

# Square

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



4282603828



4278213740



4284369777



4285941562

# Rectangle

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



4282603828



4279459154



4284369777



4286006099



# Sweetspot

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



4282603828



4285231973



4284041780



4281744178



4290427578



4282071867



# Same Dimension

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



4282603828



4283527993



4281620791



4280888103



4281035520



4284476160



# Inverse Universe

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



4283053145



4284168563



4284036182



4280952619



4282384491



4287299819



# Previews

## White Background



This preview shows how the Android color 4282603828 looks on a white background.

## Color Contrast Check

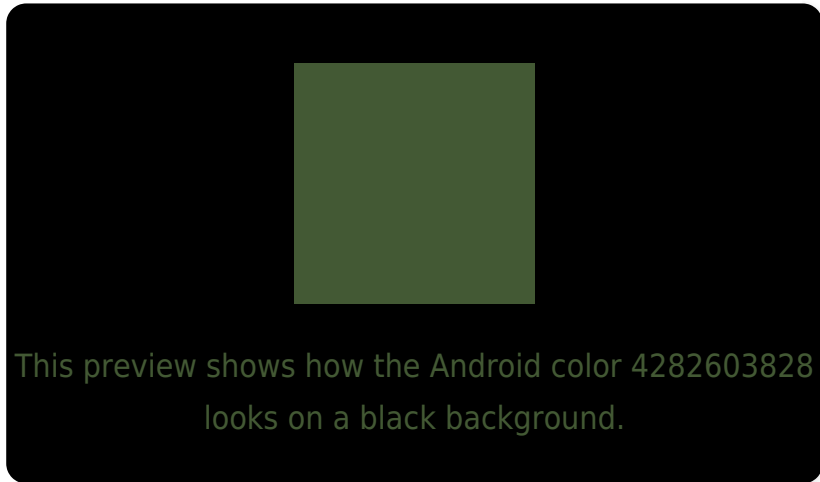
Large Text (above 18pt) WCAG AA ✓ Pass

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

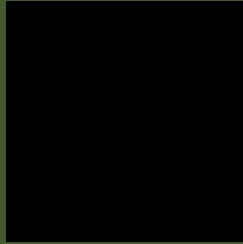
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282603828 Background



This preview shows how black text looks on a background with the Android color 4282603828.

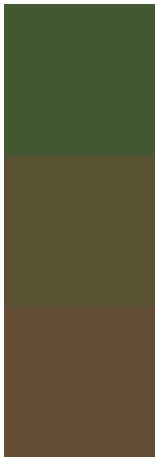


This preview shows how white text looks on a background with the Android color 4282603828.

# 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



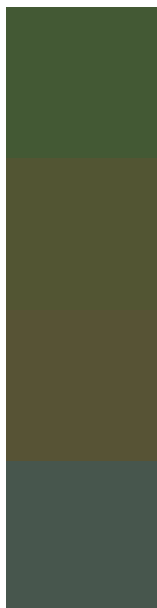
**Original Color**  
4282603828

**Protanopia**  
4284109618

**Deuteranopia**  
4284698422



# Trichromacy



**Original Color**

4282603828

**Protanomaly**

4283585843

**Deuteranomaly**

4283913013

**Tritanomaly**

4282865229

# Monochromacy



**Original Color**

4282603828

**Achromatopsia**

4283321934

**Achromatomaly**

4283060805

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282603828 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(67, 89, 52)` looks like.

```
.text, #text, p{  
    color:rgb(67, 89, 52)  
}
```

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(67, 89, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 89, 52) }
```

## Border

The CSS property to change the border of an element to Android 4282603828 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(67, 89, 52) }
```

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

```
.border{ border-color:rgb(67, 89, 52) }
```

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

Here you see how a box with a 4 pixel rgb(67, 89, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 89, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 89, 52);  
box-shadow:4px 4px 4px 4px rgb(67, 89, 52)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282603828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 89, 52) }
```

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

```
.background{ background-color: rgb(67, 89,  
52) }
```

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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