

# Converting Colors

Android(4282677341)

Have a look what the booklet for  
Android(4282677341) contains.

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# Color

**Android(4282677341)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	44785D
RGB	68, 120, 93
RGB Percent	27%, 47%, 36%
CMY	0.7333, 0.5294, 0.6353
CMYK	0.43, 0.00, 0.22, 0.53
HSL	149°, 28%, 37%
HSV	149°, 43%, 47%
XYZ	11.0762, 15.4522, 12.7547
YIQ	101.3740, -22.3250, -19.4210

# Conversions

## Conversions Part 2

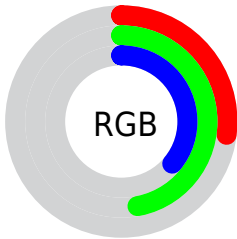
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 103, 120
Decimal	4487261
CIELab	46.25, -24.08, 9.46
CIElCh	46, 25.878, 158.547
Yxy	15.4522, 0.2820, 0.3934
Android (android.graphics.Color)	4282677341 (0xFF44785D)
YUV	101.3740, -4.1284, -29.2690
Hunter-Lab	39.3093, -18.4954, 8.2786

# Details

The Android color `4282677341` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4286071903`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4286033295`, and `4279322415` is the 20% darker color. If you saturate the color by 10%, you get `4281890903`, and if you desaturate by 10%, it is `4283463779`.

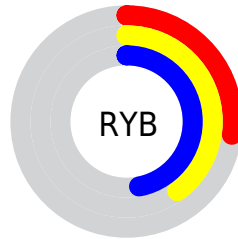
# Distribution



Red (27%)

Green (47%)

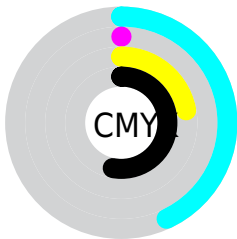
Blue (36%)



Red (27%)

Yellow (40%)

Blue (47%)

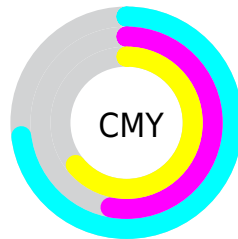


Cyan (43%)

Magenta (0%)

Yellow (22%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282677341 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 4282677341 by changing the saturation by 10% instead.





4282677341



4282677341

4294967295



4281032517



4286033295



4279322415



4287744170



4278202394



4289520837



4278197504



4291362785



4278190080



4293263358



4282677341



4282677341



4281890903



4283463779



4281104465



4284250217

■ 4280318026

■ 4285036656

■ 4279531588

■ 4285823094

■ 4278745150

■ 4286609532

■ 4278220858

■ 4287395970

■ 4288182409

■ 4288968847

■ 4289755285

# Harmonies

## Analogous

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



4284380235



4282677341



4280842611

# Triad

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



4282677341



4284051096



4288045140

# Complementary

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



4282677341



4286071903

# 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.



4288175464



4282677341



4286080656

# Square

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



4282677341



4281693333



4287520638



4287194950

# Rectangle

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



4282677341



4279990658



4287520638



4288175706



# Sweetspot

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



4282677341



4287077521



4284512324



4282535752



4291809231



4283387727



# Same Dimension

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



4282677341



4283145330



4282677366



4281810234



4278222140



4278254713



# Inverse Universe

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



4286071903



4288433013



4286071878



4282201914



4286382145



4294705283



# Previews

## White Background



This preview shows how the Android color 4282677341 looks on a white background.

## Color Contrast Check

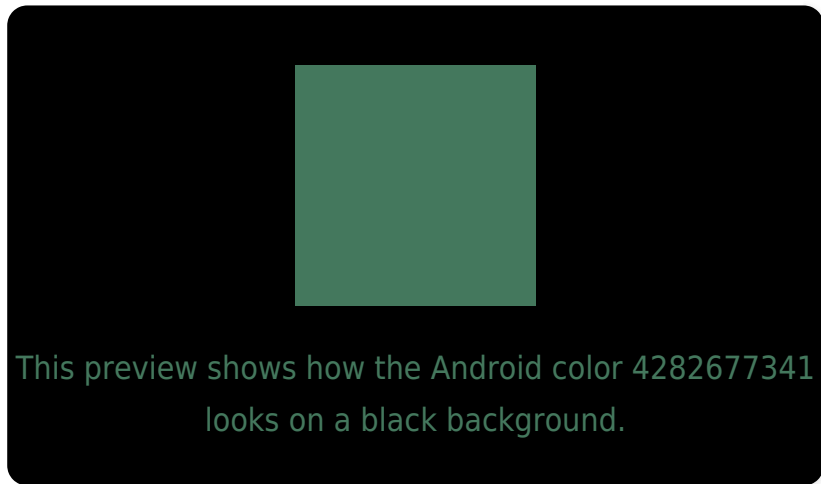
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4282677341 Background



This preview shows how black text looks on a background with the Android color 4282677341.



This preview shows how white text looks on a background with the Android color 4282677341.

# 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**  
4282677341

**Protanopia**  
4285820248

**Deuteranopia**  
4286343520



# Trichromacy



**Original Color**  
4282677341

**Protanomaly**  
4284707162

**Deuteranomaly**  
4285034079

**Tritanomaly**  
4283004273

# Monochromacy



**Original Color**  
4282677341

**Achromatopsia**  
4284835173

**Achromatomaly**  
4284050530

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282677341 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(68, 120, 93)` looks like.

```
.text, #text, p{  
    color:rgb(68, 120, 93)  
}
```

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(68, 120, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 120, 93) }
```

## Border

The CSS property to change the border of an element to Android 4282677341 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(68, 120, 93) }
```

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

```
.border{ border-color:rgb(68, 120, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 120, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 120, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 120, 93);  
box-shadow:4px 4px 4px 4px rgb(68, 120,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4282677341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 120, 93) }
```

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

```
.background{ background-color: rgb(68, 120,  
93) }
```

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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