

# Converting Colors

Android(4281101664)

Have a look what the booklet for  
Android(4281101664) contains.

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# Color

**Android(4281101664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C6D60
RGB	44, 109, 96
RGB Percent	17%, 43%, 38%
CMY	0.8275, 0.5725, 0.6235
CMYK	0.60, 0.00, 0.12, 0.57
HSL	168°, 42%, 30%
HSV	168°, 60%, 43%
XYZ	8.6187, 12.3173, 12.9896
YIQ	88.0830, -34.5670, -17.8230

# Conversions

## Conversions Part 2

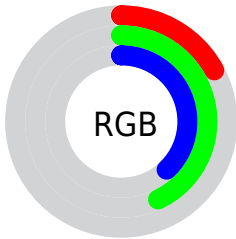
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 80, 109
Decimal	2911584
CIELab	41.72, -24.14, 1.05
CIELCh	42, 24.167, 177.499
Yxy	12.3173, 0.2540, 0.3631
Android (android.graphics.Color)	4281101664 (0xFF2C6D60)
YUV	88.0830, 3.9031, -38.6608
Hunter-Lab	35.0960, -17.5830, 2.6231

# Details

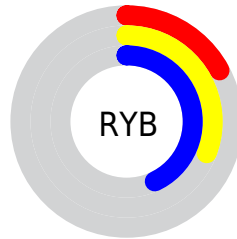
The Android color `4281101664` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285344825`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284588434`, and `4278205746` is the 20% darker color. If you saturate the color by 10%, you get `4280380766`, and if you desaturate by 10%, it is `4281822562`.

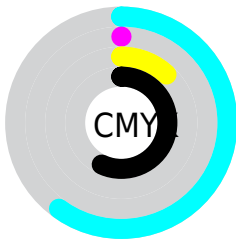
# Distribution



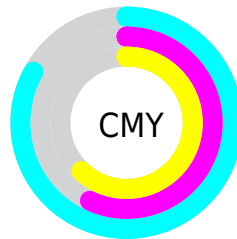
- Red (17%)
- Green (43%)
- Blue (38%)



- Red (17%)
- Yellow (31%)
- Blue (43%)



- Cyan (60%)
- Magenta (0%)
- Yellow (12%)
- Black (57%)



- Cyan (83%)
- Magenta (57%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281101664 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 4281101664 by changing the saturation by 10% instead.





4281101664



4281101664

4294967295



4279063624



4284588434



4278205746



4286299309



4278200093



4288075976



4278193155



4289918436



4278190080



4291756031



4293656575



4281101664



4281101664



4280380766



4281822562

■ 4279659868

■ 4282543460

■ 4278938969

■ 4283264359

■ 4278218071

■ 4283985257

■ 4284706155

■ 4285361517

■ 4286082415

■ 4286803313

■ 4287524212

# Harmonies

## Analogous

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



4282739532



4281101664



4279659892

# Triad

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



4281101664



4284636806



4286667330

# Complementary

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



4281101664



4285344825

# 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.



4287190097



4281101664



4286207864

# Square

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



4281101664



4282606986



4287058789



4285620539

# Rectangle

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



4281101664



4279921535



4287058789



4286928966



# Sweetspot

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



4281101664



4285894538



4281953580



4281878340



4291282887



4282861383



# Same Dimension

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



4281101664



4280848250



4281096557



4281349684



4278220126



4278252996



# Inverse Universe

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



4285344825



4287572029



4285349932



4281741361



4285857815



4294246449



# Previews

## White Background



This preview shows how the Android color 4281101664 looks on a white background.

## Color Contrast Check

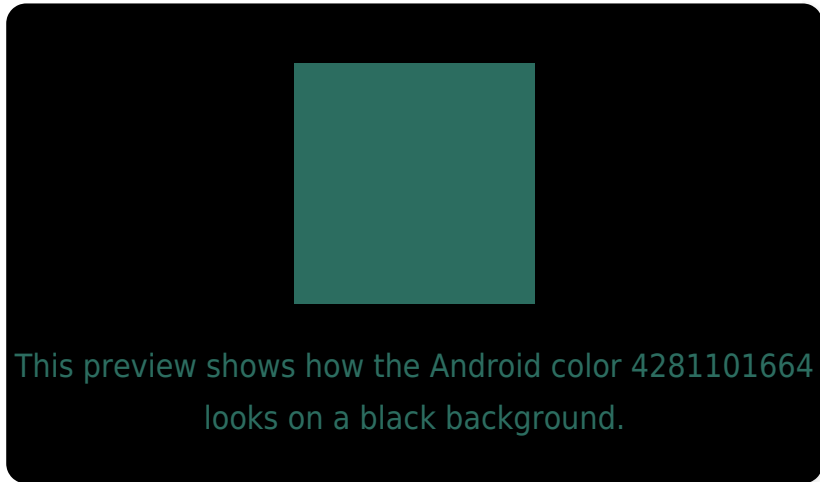
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281101664 Background



This preview shows how black text looks on a background with the Android color 4281101664.



This preview shows how white text looks on a background with the Android color 4281101664.

# 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**  
4281101664

**Protanopia**  
4284899930

**Deuteranopia**  
4285226851



# Trichromacy



**Original Color**  
4281101664

**Protanomaly**  
4283524700

**Deuteranomaly**  
4283720802

**Tritanomaly**  
4281363308

# Monochromacy



**Original Color**  
4281101664

**Achromatopsia**  
4283979864

**Achromatomaly**  
4282933339

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281101664 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(44, 109, 96)` looks like.

```
.text, #text, p{  
    color:rgb(44, 109, 96)  
}
```

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(44, 109, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 109, 96) }
```

## Border

The CSS property to change the border of an element to Android 4281101664 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(44, 109, 96) }
```

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

```
.border{ border-color:rgb(44, 109, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 109, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 109, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 109, 96);  
box-shadow:4px 4px 4px 4px rgb(44, 109,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4281101664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 109, 96) }
```

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

```
.background{ background-color: rgb(44, 109,  
96) }
```

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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