

# Converting Colors

Android(4281101628)

Have a look what the booklet for  
Android(4281101628) contains.

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# Color

**Android(4281101628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C6D3C
RGB	44, 109, 60
RGB Percent	17%, 43%, 24%
CMY	0.8275, 0.5725, 0.7647
CMYK	0.60, 0.00, 0.45, 0.57
HSL	135°, 42%, 30%
HSV	135°, 60%, 43%
XYZ	7.3230, 11.7990, 6.1664
YIQ	83.9790, -23.0110, -29.0190

# Conversions

## Conversions Part 2

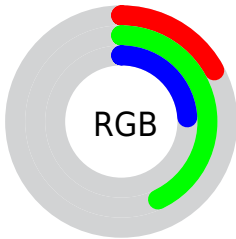
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 96, 109
Decimal	2911548
CIE <sub>Lab</sub>	40.89, -32.48, 21.29
CIE <sub>LCh</sub>	41, 38.834, 146.755
Yxy	11.7990, 0.2896, 0.4666
Android (android.graphics.Color)	4281101628 (0xFF2C6D3C)
YUV	83.9790, -11.8216, -35.0616
Hunter-Lab	34.3497, -22.0578, 13.4010




# Details

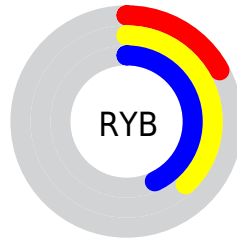
The Android color `4281101628` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4285344861`, and the grayscale version is `4283716692`.




A 20% lighter version of the original color is `4284522860`, and `4278205456` is the 20% darker color. If you saturate the color by 10%, you get `4280380724`, and if you desaturate by 10%, it is `4281822532`.

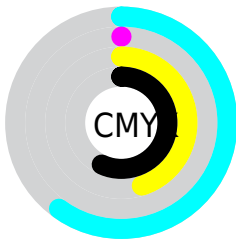
# Distribution







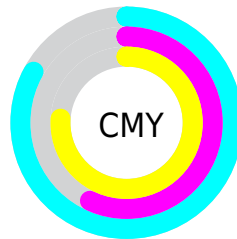
-  Red (17%)
-  Green (43%)
-  Blue (24%)






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



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (45%)
-  Black (57%)




-  Cyan (83%)
-  Magenta (57%)
-  Yellow (76%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281101628 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 4281101628 by changing the saturation by 10% instead.



 4281101628

 4281101628

4294967295

 4279129126

 4284522860

 4278205456

 4286233734


 4278200064

 4288010400


 4278191616

 4289852859

 4278190080

 4291690455

 4293591027

 4281101628

 4281101628

 4280380724

 4281822532

■ 4279659820

■ 4282543436

■ 4278938915

■ 4283264341

■ 4278218011

■ 4283985245

■ 4284706149

■ 4285361517

■ 4286082422

■ 4286803326

■ 4287524230

# Harmonies

## Analogous

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



4283852580



4281101628



4278218844

# Triad

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



4281101628



4278216096



4288300870

# Complementary

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



4281101628



4285344861

# 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.



4288169061



4281101628



4284242329

# Square

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



4281101628



4278217877



4286860420



4287451691

# Rectangle

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



4281101628



4278218866



4286860420



4288365904



# Sweetspot

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



4281101628



4285894523



4284378412



4281878332



4291282887



4282861383



# Same Dimension

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



4281101628



4280848193



4281101660



4281349682



4278220061



4278252860



# Inverse Universe

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



4285344861



4287572085



4285344829



4281741364



4285857880

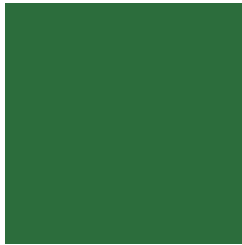


4294246585



# Previews

## White Background



This preview shows how the Android color 4281101628 looks on a white background.

## Color Contrast Check

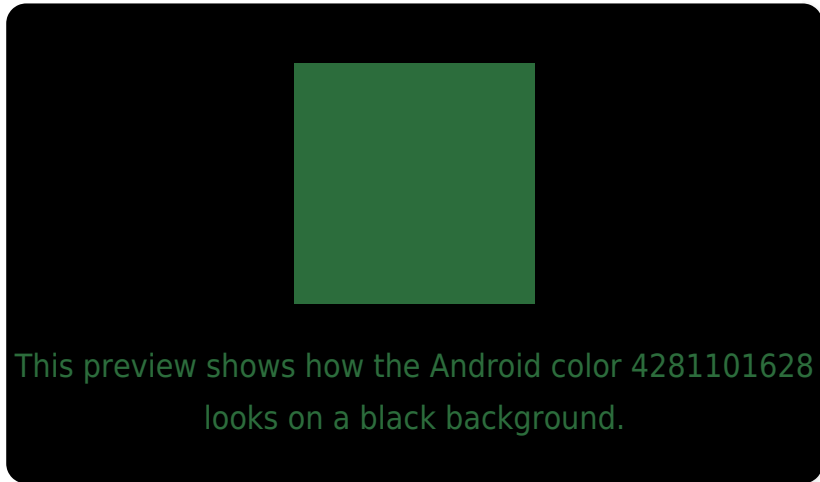
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281101628 Background



This preview shows how black text looks on a background with the Android color 4281101628.



This preview shows how white text looks on a background with the Android color 4281101628.

# 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**  
4281101628

**Protanopia**  
4285095991

**Deuteranopia**  
4285750336



# Trichromacy



**Original Color**  
4281101628

**Protanomaly**  
4283655481

**Deuteranomaly**  
4284047935

**Tritanomaly**  
4281690460

# Monochromacy



**Original Color**  
4281101628

**Achromatopsia**  
4283716692

**Achromatomaly**  
4282735947

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281101628 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, 60)` looks like.

```
.text, #text, p{  
    color:rgb(44, 109, 60)  
}
```

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, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 109, 60) }
```

## Border

The CSS property to change the border of an element to Android 4281101628 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, 60) }
```

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

```
.border{ border-color:rgb(44, 109, 60) }
```

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, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 109, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 109, 60);  
box-shadow:4px 4px 4px 4px rgb(44, 109,  
60) }
```

# Background

The CSS property to change the background color of an element to Android 4281101628 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, 60) }
```

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

```
.background{ background-color: rgb(44, 109,  
60) }
```

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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