

# Converting Colors

Android(4284051013)

Have a look what the booklet for  
Android(4284051013) contains.

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# Color

**Android(4284051013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	596E45
RGB	89, 110, 69
RGB Percent	35%, 43%, 27%
CMY	0.6510, 0.5686, 0.7294
CMYK	0.19, 0.00, 0.37, 0.57
HSL	91°, 23%, 35%
HSV	91°, 37%, 43%
XYZ	10.7699, 13.7054, 7.7080
YIQ	99.0470, 0.6450, -17.2030

# Conversions

## Conversions Part 2

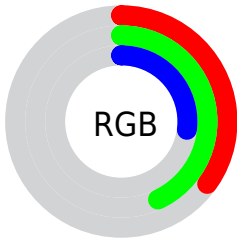
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 110, 90
Decimal	5860933
CIELab	43.81, -15.84, 20.38
CIELCh	44, 25.812, 127.853
Yxy	13.7054, 0.3346, 0.4259
Android (android.graphics.Color)	4284051013 (0xFF596E45)
YUV	99.0470, -14.8132, -8.8112
Hunter-Lab	37.0208, -12.8579, 13.5699

# Details

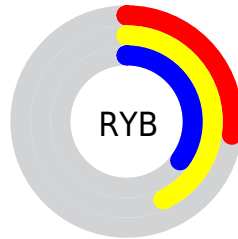
The Android color `4284051013` is a dark color, and the websafe version is hex `666633`. A complement of this color would be `4284106094`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4287406710`, and `4280958489` is the 20% darker color. If you saturate the color by 10%, you get `4283657786`, and if you desaturate by 10%, it is `4284444240`.

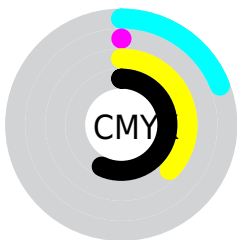
# Distribution



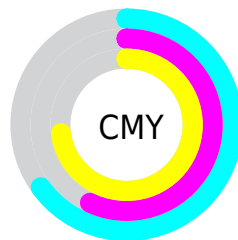
- Red (35%)
- Green (43%)
- Blue (27%)



- Red (27%)
- Yellow (43%)
- Blue (35%)



- Cyan (19%)
- Magenta (0%)
- Yellow (37%)
- Black (57%)



- Cyan (65%)
- Magenta (57%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284051013 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 4284051013 by changing the saturation by 10% instead.





4284051013



4284051013

4294967295



4282471982



4287406710



4280958489



4289117583



4279642112



4290959786



4278195712



4292801989



4278190080



4294639586

4294967294



4284051013



4284051013



4283657786



4284444240

■ 4283330095

■ 4284771931

■ 4282936868

■ 4285165158

■ 4282543641

■ 4285558385

■ 4282215950

■ 4285886076

■ 4281822723

■ 4286279303

■ 4281757184

■ 4286606994

■ 4287000221

■ 4287393448

# Harmonies

## Analogous

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



4285556797



4284051013



4282348119

# Triad

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



4284051013



4281167503



4287715171

# Complementary

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



4284051013



4284106094

# 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.



4287060344



4284051013



4283590802

# Square

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



4284051013



4279202433



4285620361



4287584846

# Rectangle

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



4284051013



4281103205



4285620361



4287584106



# Sweetspot

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



4284051013



4287074175



4285422149



4282599230



4291282887



4282861383



# Same Dimension

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



4284051013



4285435727



4282740293



4281677874



4282021888



4286183168



# Inverse Universe

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



4284106094



4285484943



4285416814



4281676344



4282187896

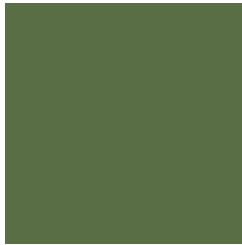


4286513399



# Previews

## White Background



This preview shows how the Android color 4284051013 looks on a white background.

## Color Contrast Check

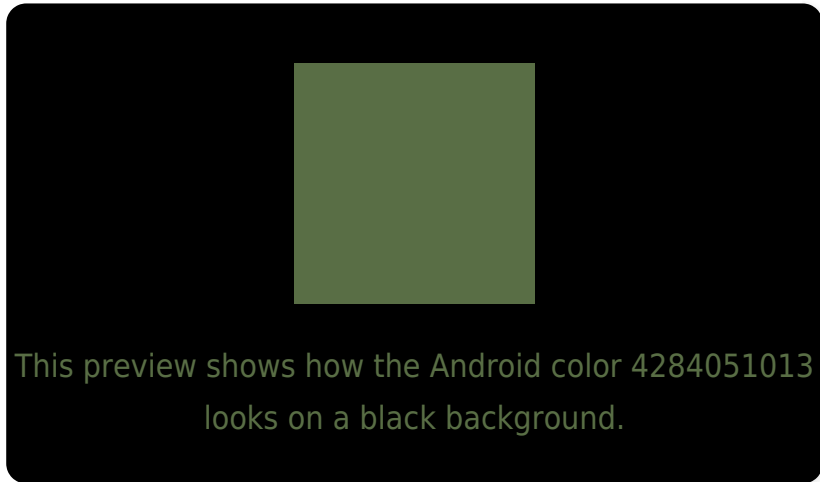
Large Text (above 18pt) WCAG AA ✓ Pass

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

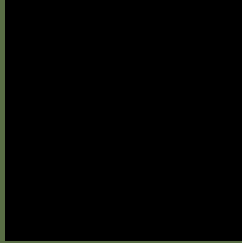
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284051013 Background



This preview shows how black text looks on a background with the Android color 4284051013.



This preview shows how white text looks on a background with the Android color 4284051013.

# 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**  
4284051013

**Protanopia**  
4285556546

**Deuteranopia**  
4286276423



# Trichromacy



**Original Color**

4284051013

**Protanomaly**

4285033027

**Deuteranomaly**

4285491014

**Tritanomaly**

4284312417

# Monochromacy



**Original Color**

4284051013

**Achromatopsia**

4284703587

**Achromatomaly**

4284442456

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284051013 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(89, 110, 69)` looks like.

```
.text, #text, p{  
    color:rgb(89, 110, 69)  
}
```

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(89, 110, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 110, 69) }
```

## Border

The CSS property to change the border of an element to Android 4284051013 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(89, 110, 69) }
```

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

```
.border{ border-color:rgb(89, 110, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 110, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 110, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 110, 69);  
box-shadow:4px 4px 4px 4px rgb(89, 110,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4284051013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 110, 69) }
```

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

```
.background{ background-color: rgb(89, 110,  
69) }
```

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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