

# Converting Colors

Android(4281234813)

Have a look what the booklet for  
Android(4281234813) contains.

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# Color

**Android(4281234813)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E757D
RGB	46, 117, 125
RGB Percent	18%, 46%, 49%
CMY	0.8196, 0.5412, 0.5098
CMYK	0.63, 0.06, 0.00, 0.51
HSL	186°, 46%, 34%
HSV	186°, 63%, 49%
XYZ	11.1897, 14.7841, 21.6659
YIQ	96.6830, -44.8840, -12.5640

# Conversions

## Conversions Part 2

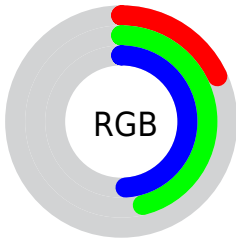
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 83, 125
Decimal	3044733
CIELab	45.34, -19.33, -11.01
CIELCh	45, 22.244, 209.663
Yxy	14.7841, 0.2349, 0.3103
Android (android.graphics.Color)	4281234813 (0xFF2E757D)
YUV	96.6830, 13.9603, -44.4490
Hunter-Lab	38.4501, -15.3409, -6.4937

# Details

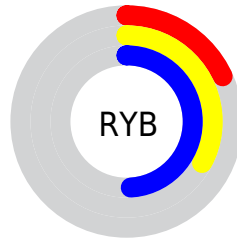
The Android color `4281234813` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286395950`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284852658`, and `4278207564` is the 20% darker color. If you saturate the color by 10%, you get `4280448125`, and if you desaturate by 10%, it is `4282087037`.

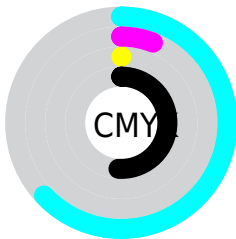
# Distribution



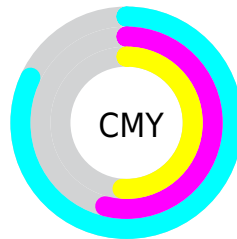
- Red (18%)
- Green (46%)
- Blue (49%)



- Red (18%)
- Yellow (33%)
- Blue (49%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (54%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281234813 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 4281234813 by changing the saturation by 10% instead.





4281234813



4281234813

4294967295



4278803556



4284852658



4278207564



4286694861



4278201909



4288471529



4278197024



4290313727



4278190087



4292214783



4278190080



4294115327



4281234813



4281234813



4280448125



4282087037

■ 4279595645

■ 4282873981

■ 4278743421

■ 4283660669

■ 4278218877

■ 4284512893

■ 4285365117

■ 4286152061

■ 4287004285

■ 4287790973

■ 4288643197

# Harmonies

## Analogous

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



4282021226



4281234813



4281889419

# Triad

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



4281234813



4286800254



4286081606

# Complementary

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



4281234813



4286395950

# 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.



4287128652



4281234813



4287520108

# Square

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



4281234813



4285425548



4287651674



4284837963

# Rectangle

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



4281234813



4283002767



4287651674



4286474311



# Sweetspot

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



4281234813



4286881955



4281236790



4282339410



4291940817



4283585106



# Same Dimension

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



4281234813



4280784803



4281224829



4281941824



4278219648



4278190080



# Inverse Universe

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



4286393973



4288882583



4286405934



4282399039



4286578803

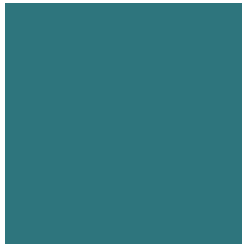


4278190080



# Previews

## White Background



This preview shows how the Android color 4281234813 looks on a white background.

## Color Contrast Check

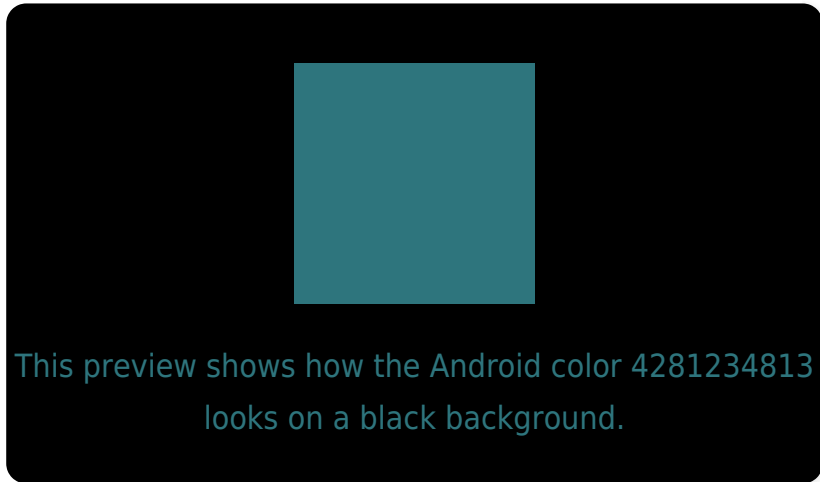
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281234813 Background



This preview shows how black text looks on a background with the Android color 4281234813.



This preview shows how white text looks on a background with the Android color 4281234813.

# 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**

4281234813

**Protanopia**

4285098614

**Deuteranopia**

4285229184



# Trichromacy



**Original Color**  
4281234813

**Protanomaly**  
4283723385

**Deuteranomaly**  
4283788671

**Tritanomaly**  
4281300350

# Monochromacy



**Original Color**  
4281234813

**Achromatopsia**  
4284572001

**Achromatomaly**  
4283328619

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281234813 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(46, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(46, 117, 125)  
}
```

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(46, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 117, 125) }
```

## Border

The CSS property to change the border of an element to Android 4281234813 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(46, 117, 125) }
```

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

```
.border{ border-color:rgb(46, 117, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(46, 117,  
125) }
```

# Background

The CSS property to change the background color of an element to Android 4281234813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 117, 125) }
```

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

```
.background{ background-color: rgb(46, 117,  
125) }
```

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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