

# Converting Colors

Android(4281232755)

Have a look what the booklet for  
Android(4281232755) contains.

<b>Android(4281232755)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4281232755)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E6D73
RGB	46, 109, 115
RGB Percent	18%, 43%, 45%
CMY	0.8196, 0.5725, 0.5490
CMYK	0.60, 0.05, 0.00, 0.55
HSL	185°, 43%, 32%
HSV	185°, 60%, 45%
XYZ	9.6899, 12.7559, 18.1711
YIQ	90.8470, -39.4740, -11.4900

# Conversions

## Conversions Part 2

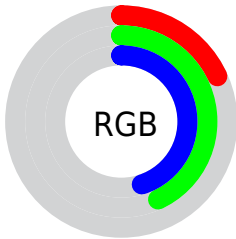
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 79, 115
Decimal	3042675
CIELab	42.39, -18.12, -9.43
CIELCh	42, 20.427, 207.508
Yxy	12.7559, 0.2386, 0.3141
Android (android.graphics.Color)	4281232755 (0xFF2E6D73)
YUV	90.8470, 11.9074, -39.3308
Hunter-Lab	35.7154, -14.0736, -5.1644

# Details

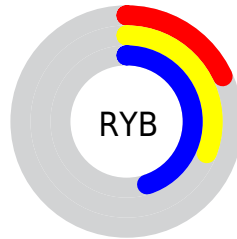
The Android color `4281232755` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285740078`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4284785063`, and `4278205763` is the 20% darker color. If you saturate the color by 10%, you get `4280511603`, and if you desaturate by 10%, it is `4281953907`.

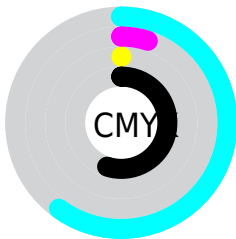
# Distribution



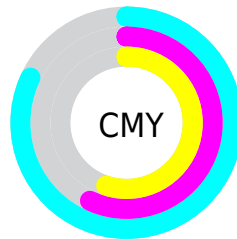
- Red (18%)
- Green (43%)
- Blue (45%)



- Red (18%)
- Yellow (31%)
- Blue (45%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (55%)



- Cyan (82%)
- Magenta (57%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281232755 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 4281232755 by changing the saturation by 10% instead.





4281232755



4281232755

4294967295



4279129434



4284785063



4278205763



4286495938



4278200109



4288338142



4278194201



4290114811



4278190080



4292018175



4293918719



4281232755



4281232755



4280511603



4281953907

■ 4279724915

■ 4282740595

■ 4278938227

■ 4283527283

■ 4278217075

■ 4284248435

■ 4284969587

■ 4285756275

■ 4286477427

■ 4287264115

■ 4287985267

# Harmonies

## Analogous

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



4281953634



4281232755



4281756544

# Triad

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



4281232755



4286077814



4285621058

# Complementary

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



4281232755



4285740078

# 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.



4286537032



4281232755



4286863462

# Square

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



4281232755



4284833922



4286929237



4284508230

# Rectangle

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



4281232755



4282673285



4286929237



4285948227



# Sweetspot

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



4281232755



4286289046



4281234228



4282141517



4291611852



4283256141



# Same Dimension

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



4281232755



4280978838



4281224051



4281678395



4278218874



4278248698



# Inverse Universe

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



4285738605



4288031373



4285748782



4282070330



4286185584

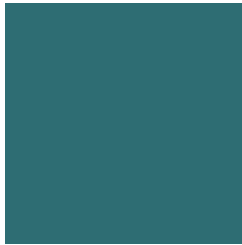


4294574308



# Previews

## White Background



This preview shows how the Android color 4281232755 looks on a white background.

## Color Contrast Check

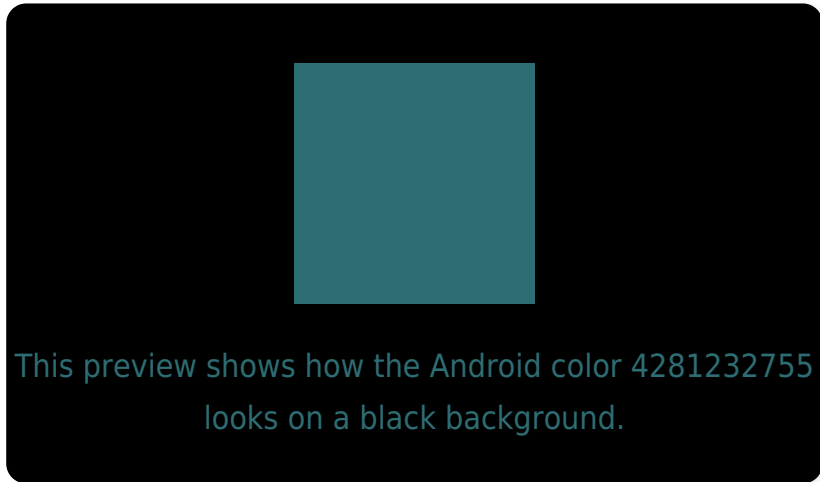
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281232755 Background



This preview shows how black text looks on a background with the Android color 4281232755.



This preview shows how white text looks on a background with the Android color 4281232755.

# 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**

4281232755

**Protanopia**

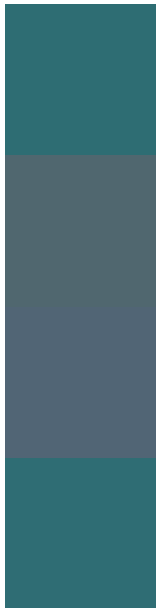
4284703597

**Deuteranopia**

4284834166



# Trichromacy



**Original Color**  
4281232755

**Protanomaly**  
4283459439

**Deuteranomaly**  
4283524469

**Tritanomaly**  
4281298292

# Monochromacy



**Original Color**  
4281232755

**Achromatopsia**  
4284177243

**Achromatomaly**  
4283130468

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281232755 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, 109, 115)` looks like.

```
.text, #text, p{  
    color:rgb(46, 109, 115)  
}
```

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, 109, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 109, 115) }
```

## Border

The CSS property to change the border of an element to Android 4281232755 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, 109, 115) }
```

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

```
.border{ border-color:rgb(46, 109, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 109, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 109, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 109, 115);  
box-shadow:4px 4px 4px 4px rgb(46, 109,  
115) }
```

# Background

The CSS property to change the background color of an element to Android 4281232755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 109, 115) }
```

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

```
.background{ background-color: rgb(46, 109,  
115) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor