

# Converting Colors

Android(4281896565)

Have a look what the booklet for  
Android(4281896565) contains.

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# Color

**Android(4281896565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	388E75
RGB	56, 142, 117
RGB Percent	22%, 56%, 46%
CMY	0.7804, 0.4431, 0.5412
CMYK	0.61, 0.00, 0.18, 0.44
HSL	163°, 43%, 39%
HSV	163°, 61%, 56%
XYZ	14.5148, 21.4711, 20.2090
YIQ	113.4360, -43.2310, -26.0070

# Conversions

## Conversions Part 2

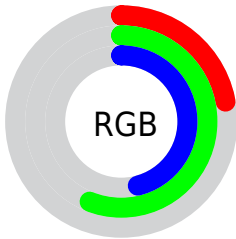
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 106, 142
Decimal	3706485
CIE <sub>Lab</sub>	53.46, -32.15, 5.68
CIE <sub>LCh</sub>	53, 32.644, 169.985
Y <sub>xy</sub>	21.4711, 0.2583, 0.3821
Android (android.graphics.Color)	4281896565 (0xFF388E75)
YUV	113.4360, 1.7571, -50.3714
Hunter-Lab	46.3369, -25.1755, 6.5777

# Details


The Android color `4281896565` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287510609`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4285580457`, and `4278213445` is the 20% darker color. If you saturate the color by 10%, you get `4280979057`, and if you desaturate by 10%, it is `4282814073`.

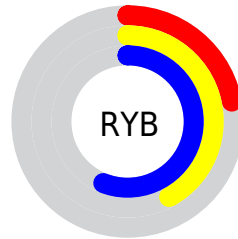
# Distribution



 Red (22%)

 Green (56%)

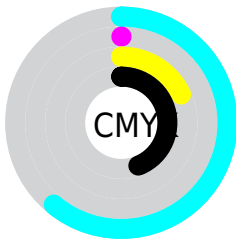
 Blue (46%)




 Red (22%)

 Yellow (42%)

 Blue (56%)

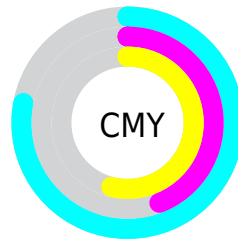


 Cyan (61%)

 Magenta (0%)

 Yellow (18%)

 Black (44%)



 Cyan (78%)

 Magenta (44%)

 Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281896565 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 4281896565 by changing the saturation by 10% instead.





4281896565



4281896565

4294967295



4279727196



4285580457



4278213445



4287357124



4278207279



4289199584



4278201370



4291035133



4278195200



4292935679



4278190080

4294901759



4281896565



4281896565



4280979057



4282814073

■ 4280061549

■ 4283731581

■ 4279078505

■ 4284714625

■ 4278226533

■ 4285632134

■ 4286549642

■ 4287467150

■ 4288384658

■ 4289367702

■ 4290285210

# Harmonies

## Analogous

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



4284451419



4281896565



4278226578

# Triad

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



4281896565



4285889716



4289622358

# Complementary

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



4281896565



4287510609

# 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.



4290144878



4281896565



4288311972

# Square

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



4281896565



4282615223



4289751690



4288314184

# Rectangle

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



4281896565



4278226339



4289751690



4289883741



# Sweetspot

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



4281896565



4288133294



4283600440



4282932310



4292598747



4284243036



# Same Dimension

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



4281896565



4281514129



4281892238



4282402629



4278224736



4278192133



# Inverse Universe

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



4287510609



4290261593



4287514936



4282859586



4287037479

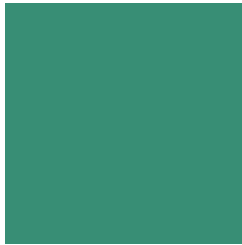


4278714370



# Previews

## White Background



This preview shows how the Android color 4281896565 looks on a white background.

## Color Contrast Check

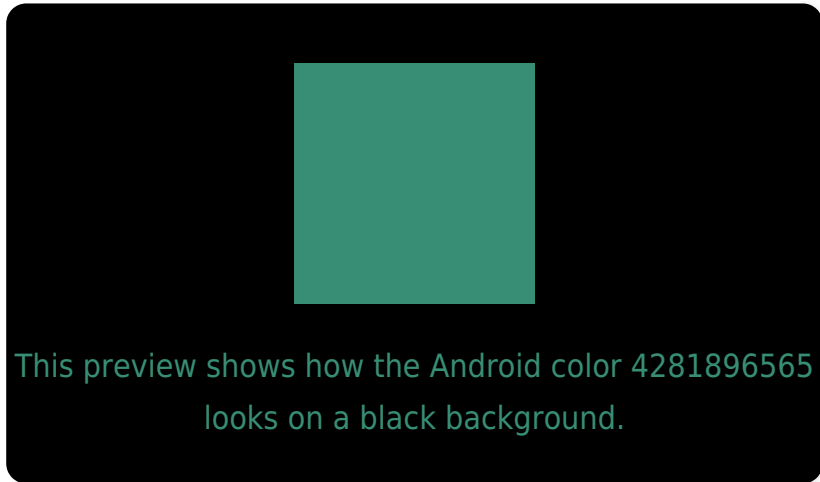
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4281896565 Background



This preview shows how black text looks on a background with the Android color 4281896565.

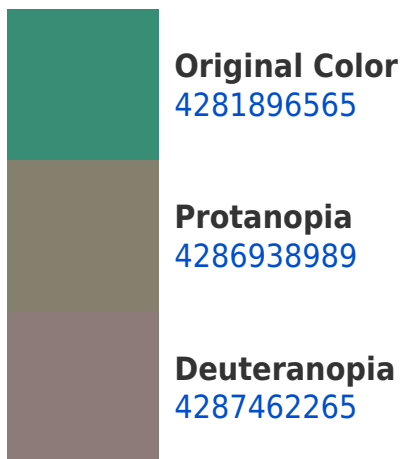


This preview shows how white text looks on a background with the Android color 4281896565.

# 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





# Trichromacy



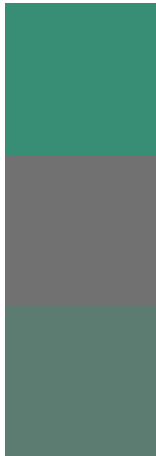
**Original Color**  
4281896565

**Protanomaly**  
4285105264

**Deuteranomaly**  
4285432440

**Tritanomaly**  
4282420105

# Monochromacy



**Original Color**  
4281896565

**Achromatopsia**  
4285624689

**Achromatomaly**  
4284251250

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281896565 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(56, 142, 117)` looks like.

```
.text, #text, p{  
    color:rgb(56, 142, 117)  
}
```

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(56, 142, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 142, 117) }
```

## Border

The CSS property to change the border of an element to Android 4281896565 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(56, 142, 117) }
```

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

```
.border{ border-color:rgb(56, 142, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 142, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(56, 142,  
117) }
```

# Background

The CSS property to change the background color of an element to Android 4281896565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 142, 117) }
```

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

```
.background{ background-color: rgb(56, 142,  
117) }
```

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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