

# Converting Colors

Android(4281762684)

Have a look what the booklet for  
Android(4281762684) contains.

<b>Android(4281762684)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4281762684)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36837C
RGB	54, 131, 124
RGB Percent	21%, 51%, 49%
CMY	0.7882, 0.4863, 0.5137
CMYK	0.59, 0.00, 0.05, 0.49
HSL	175°, 42%, 36%
HSV	175°, 59%, 51%
XYZ	13.2757, 18.4721, 21.9346
YIQ	107.1790, -43.6450, -18.5010

# Conversions

## Conversions Part 2

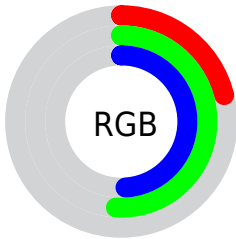
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 94, 131
Decimal	3572604
CIELab	50.06, -25.33, -3.34
CIElCh	50, 25.553, 187.510
Yxy	18.4721, 0.2473, 0.3441
Android (android.graphics.Color)	4281762684 (0xFF36837C)
YUV	107.1790, 8.2928, -46.6380
Hunter-Lab	42.9792, -20.0773, -0.1734




# Details

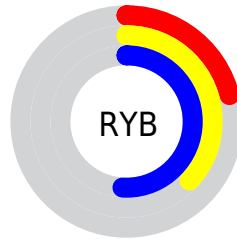
The Android color `4281762684` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4286789181`, and the grayscale version is `4285229931`.




A 20% lighter version of the original color is `4285380784`, and `4278210891` is the 20% darker color. If you saturate the color by 10%, you get `4280910715`, and if you desaturate by 10%, it is `4282614653`.

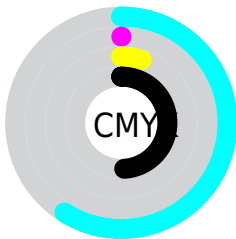
# Distribution







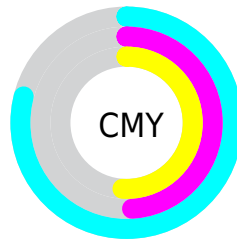
-  Red (21%)
-  Green (51%)
-  Blue (49%)






-  Red (21%)
-  Yellow (37%)
-  Blue (51%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (49%)




-  Cyan (79%)
-  Magenta (49%)
-  Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281762684 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 4281762684 by changing the saturation by 10% instead.



 4281762684

 4281762684

4294967295

 4279659107

 4285380784

 4278210891

 4287157452

 4278204981

 4288999912

 4278199328


 4290838527


 4278190344

 4292739071

 4278190080

 4294639615

 4281762684

 4281762684

 4280910715

 4282614653

■ 4280058746

■ 4283466622

■ 4279206776

■ 4284318592

■ 4278354807

■ 4285170561

■ 4278223735

■ 4286088066

■ 4286940035

■ 4287792004

■ 4288643974

■ 4289495943

# Harmonies

## Analogous

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



4283400806



4281762684



4281107089

# Triad

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



4281762684



4286673050



4287918159

# Complementary

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



4281762684



4286789181

# 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.



4288703070



4281762684



4288113032

# Square

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



4281762684



4284643234



4288833394



4286675020

# Rectangle

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



4281762684



4281827227



4288833394



4288245331



# Sweetspot

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



4281762684



4287409064



4282286902



4282668885



4292269782



4283914071



# Same Dimension

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



4281762684



4281510816



4281754755



4282139202



4278223478



4278190850



# Inverse Universe

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



4286789181



4289409597



4286797110



4282530876



4286709772

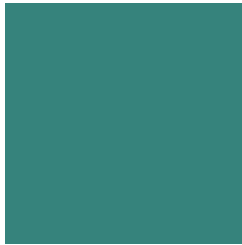


4278386688



# Previews

## White Background



This preview shows how the Android color 4281762684 looks on a white background.

## Color Contrast Check

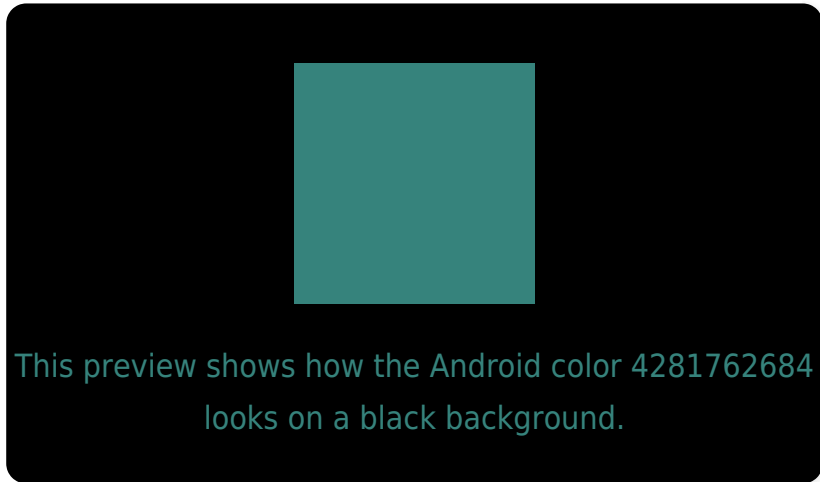
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281762684 Background



This preview shows how black text looks on a background with the Android color 4281762684.

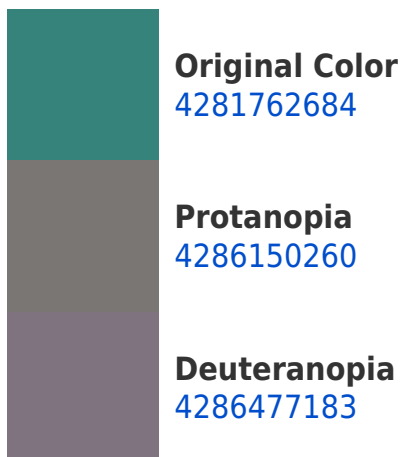


This preview shows how white text looks on a background with the Android color 4281762684.

# Color Blindness Simulation

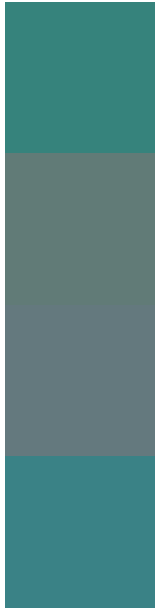
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



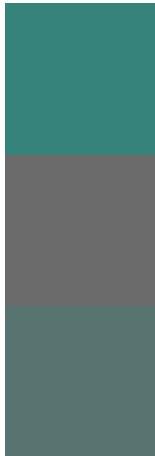
**Original Color**  
4281762684

**Protanomaly**  
4284578679

**Deuteranomaly**  
4284774782

**Tritanomaly**  
4282024582

# Monochromacy



**Original Color**  
4281762684

**Achromatopsia**  
4285229931

**Achromatomaly**  
4283987057

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281762684 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(54, 131, 124)` looks like.

```
.text, #text, p{  
    color:rgb(54, 131, 124)  
}
```

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(54, 131, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 131, 124) }
```

## Border

The CSS property to change the border of an element to Android 4281762684 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(54, 131, 124) }
```

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

```
.border{ border-color:rgb(54, 131, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 131, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 131, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 131, 124);  
box-shadow:4px 4px 4px 4px rgb(54, 131,  
124) }
```

# Background

The CSS property to change the background color of an element to Android 4281762684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 131, 124) }
```

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

```
.background{ background-color: rgb(54, 131,  
124) }
```

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