

# Converting Colors

Android(4281355098)

Have a look what the booklet for  
Android(4281355098) contains.

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# Color

**Android(4281355098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	304B5A
RGB	48, 75, 90
RGB Percent	19%, 29%, 35%
CMY	0.8118, 0.7059, 0.6471
CMYK	0.47, 0.17, 0.00, 0.65
HSL	201°, 30%, 27%
HSV	201°, 47%, 35%
XYZ	5.5805, 6.3987, 10.6138
YIQ	68.6370, -20.9070, -1.0590

# Conversions

## Conversions Part 2

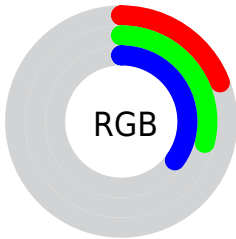
Format	Color
<b>R<sub>Y</sub>B</b>	48, 64, 90
Decimal	3165018
CIE Lab	30.40, -5.65, -12.05
CIE LCh	30, 13.311, 244.867
Yxy	6.3987, 0.2470, 0.2832
Android (android.graphics.Color)	4281355098 (0xFF304B5A)
YUV	68.6370, 10.5320, -18.0986
Hunter-Lab	25.2957, -4.8887, -7.1705

# Details

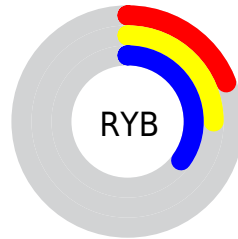
The Android color **4281355098** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4284104496**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4284578956**, and **4278198060** is the 20% darker color. If you saturate the color by 10%, you get **4280764506**, and if you desaturate by 10%, it is **4281945690**.

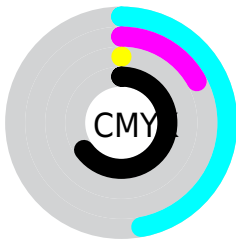
# Distribution



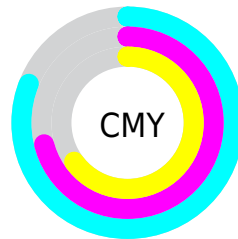
- Red (19%)
- Green (29%)
- Blue (35%)



- Red (19%)
- Yellow (25%)
- Blue (35%)



- Cyan (47%)
- Magenta (17%)
- Yellow (0%)
- Black (65%)



- Cyan (81%)
- Magenta (71%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281355098 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 4281355098 by changing the saturation by 10% instead.



■ 4281355098

■ 4281355098

4294967295

■ 4279776323

■ 4284578956

■ 4278198060

■ 4286224038

■ 4278191128

■ 4287934658

■ 4278190080

■ 4289711326

■ 4291553530

■ 4293394431

■ 4281355098

■ 4281355098

■ 4280764506

■ 4281945690

■ 4280173914

■ 4282536282

■ 4279583066

■ 4283127130

■ 4278992474

■ 4283717722

■ 4278401882

■ 4284308314

■ 4278205018

■ 4284898906

■ 4285489754

■ 4286080346

■ 4286670938

# Harmonies

## Analogous

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



4280896851



4281355098



4282206300

# Triad

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



4281355098



4284235846



4282534710

# Complementary

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



4281355098



4284104496

# 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.



4283320115



4281355098



4284236092

# Square

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



4281355098



4283842897



4283909173



4281748798

# Rectangle

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



4281355098



4282861146



4283909173



4282796597



# Sweetspot

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



4281355098



4284837749



4281358911



4281415483



4290427578



4282071867



# Same Dimension

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



4281355098



4281622133



4281349722



4280888366



4278208110



4278229229



# Inverse Universe

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



4284100683



4285871198



4284109872



4281215276



4285399110

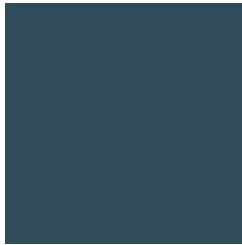


4293722264



# Previews

## White Background



This preview shows how the Android color 4281355098 looks on a white background.

## Color Contrast Check

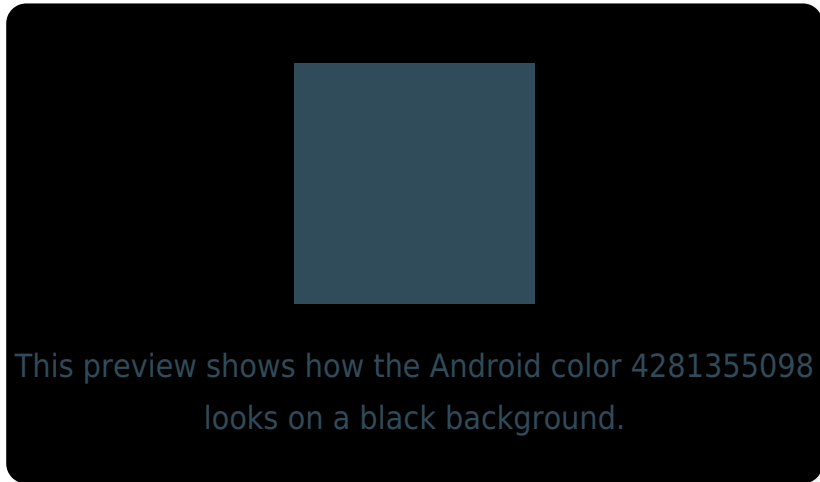
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

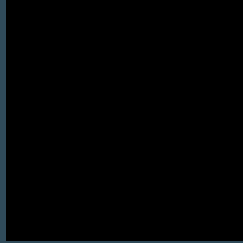
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

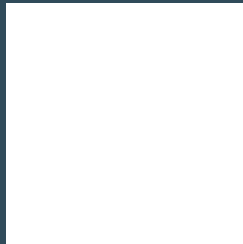
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281355098 Background



This preview shows how black text looks on a background with the Android color 4281355098.



This preview shows how white text looks on a background with the Android color 4281355098.

# 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



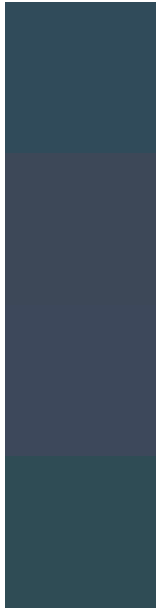
**Original Color**  
4281355098

**Protanopia**  
4282664791

**Deuteranopia**  
4282664539



# Trichromacy



**Original Color**

4281355098

**Protanomaly**

4282206296

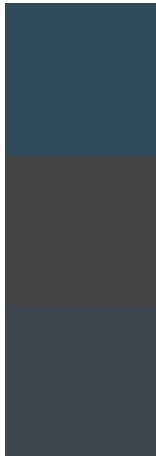
**Deuteranomaly**

4282206299

**Tritanomaly**

4281289813

# Monochromacy



**Original Color**

4281355098

**Achromatopsia**

4282729797

**Achromatomaly**

4282206029

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281355098 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(48, 75, 90)` looks like.

```
.text, #text, p{  
    color:rgb(48, 75, 90)  
}
```

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(48, 75, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 75, 90) }
```

## Border

The CSS property to change the border of an element to Android 4281355098 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(48, 75, 90) }
```

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

```
.border{ border-color:rgb(48, 75, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 75, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 75, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 75, 90);  
box-shadow:4px 4px 4px 4px rgb(48, 75, 90)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281355098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 75, 90) }
```

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

```
.background{ background-color: rgb(48, 75,  
90) }
```

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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