

# Converting Colors

Android(4278542700)

Have a look what the booklet for  
Android(4278542700) contains.

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# Color

**Android(4278542700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	05616C
RGB	5, 97, 108
RGB Percent	2%, 38%, 42%
CMY	0.9804, 0.6196, 0.5765
CMYK	0.95, 0.10, 0.00, 0.58
HSL	186°, 91%, 22%
HSV	186°, 95%, 42%
XYZ	7.0441, 9.6644, 15.6815
YIQ	70.7460, -58.3630, -16.0830

# Conversions

## Conversions Part 2

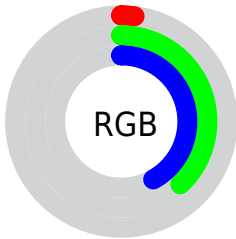
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 54, 108
Decimal	352620
CIELab	37.23, -19.43, -13.05
CIELCh	37, 23.409, 213.892
Yxy	9.6644, 0.2175, 0.2984
Android (android.graphics.Color)	4278542700 (0xFF05616C)
YUV	70.7460, 18.3662, -57.6592
Hunter-Lab	31.0876, -13.9573, -8.1464

# Details

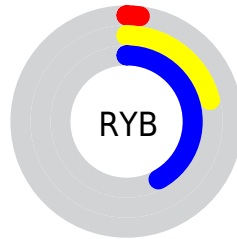
The Android color **4278542700** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285272069**, and the grayscale version is **4282861383**.

A 20% lighter version of the original color is **4283143327**, and **4278202941** is the 20% darker color. If you saturate the color by 10%, you get **4278214764**, and if you desaturate by 10%, it is **4279263852**.

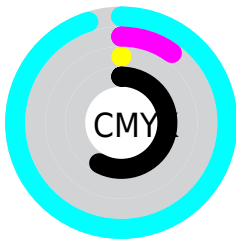
# Distribution



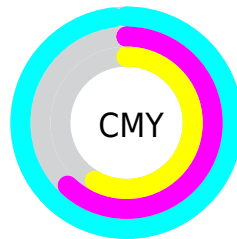
- Red (2%)
- Green (38%)
- Blue (42%)



- Red (2%)
- Yellow (21%)
- Blue (42%)



- Cyan (95%)
- Magenta (10%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278542700 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 4278542700 by changing the saturation by 10% instead.





4278542700



4278542700

4294967295



4278208852



4283143327



4278202941



4284985274



4278197799



4286761686



4278190354



4288603890



4278190080



4290445311



4292345855



4294311935



4278542700



4278542700

■ 4278214764

■ 4279263852

■ 4279985004

■ 4280640620

■ 4281362028

■ 4282083180

■ 4282804332

■ 4283525484

■ 4284181100

■ 4284902252

# Harmonies

## Analogous

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



4280050266



4278542700



4280245881

# Triad

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



4278542700



4285615209



4284634930

# Complementary

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



4278542700



4285272069

# 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.



4285681974



4278542700



4286269782

# Square

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



4278542700



4284306039



4286270276



4283325752

# Rectangle

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



4278542700



4281686909



4286270276



4285027634



# Sweetspot

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



4278542700



4284778636



4278545423



4281222471



4291282887



4282861383



# Same Dimension

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



4278542700



4278222220



4278529644



4281349430



4278217077



4278246389



# Inverse Universe

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



4285269345



4287365245



4285285125



4281741365



4285857897

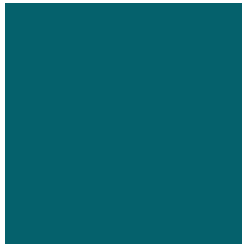


4294246619



# Previews

## White Background



This preview shows how the Android color 4278542700 looks on a white background.

## Color Contrast Check

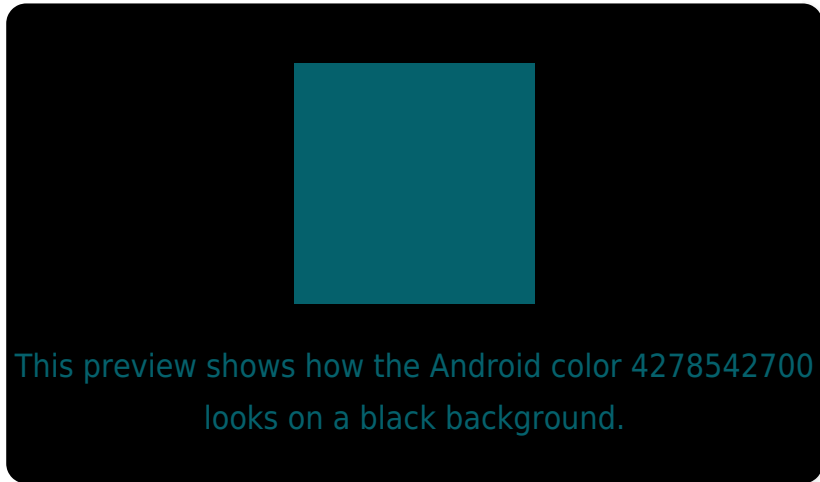
Large Text (above 18pt) WCAG AA ✓ Pass

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

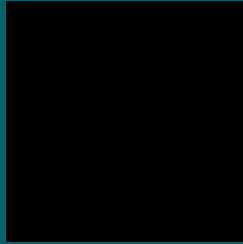
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278542700 Background



This preview shows how black text looks on a background with the Android color 4278542700.

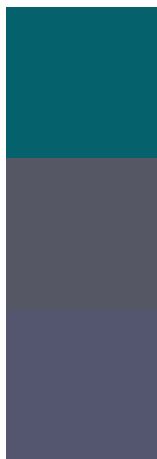


This preview shows how white text looks on a background with the Android color 4278542700.

# 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**

4278542700

**Protanopia**

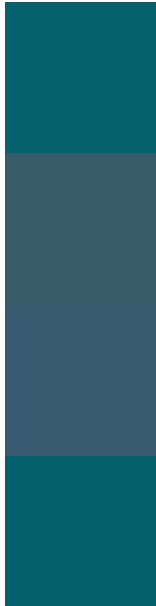
4283783013

**Deuteranopia**

4283717231



# Trichromacy



**Original Color**  
4278542700

**Protanomaly**  
4281883496

**Deuteranomaly**  
4281817710

**Tritanomaly**  
4278346090

# Monochromacy



**Original Color**  
4278542700

**Achromatopsia**  
4282861383

**Achromatomaly**  
4281290836

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278542700 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(5, 97, 108)` looks like.

```
.text, #text, p{  
    color:rgb(5, 97, 108)  
}
```

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(5, 97, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 97, 108) }
```

## Border

The CSS property to change the border of an element to Android 4278542700 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(5, 97, 108) }
```

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

```
.border{ border-color:rgb(5, 97, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 97, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 97, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 97, 108);  
box-shadow:4px 4px 4px 4px rgb(5, 97, 108)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278542700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 97, 108) }
```

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

```
.background{ background-color: rgb(5, 97,  
108) }
```

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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