

# Converting Colors

Android(4281950563)

Have a look what the booklet for  
Android(4281950563) contains.

<b>Android(4281950563)</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(4281950563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	396163
RGB	57, 97, 99
RGB Percent	22%, 38%, 39%
CMY	0.7765, 0.6196, 0.6118
CMYK	0.42, 0.02, 0.00, 0.61
HSL	183°, 27%, 31%
HSV	183°, 42%, 39%
XYZ	8.2142, 10.3201, 13.3634
YIQ	85.2680, -24.4820, -7.8580

# Conversions

## Conversions Part 2

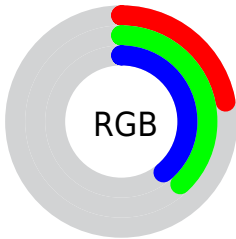
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 77, 99
Decimal	3760483
CIELab	38.41, -13.47, -5.58
CIELCh	38, 14.579, 202.502
Yxy	10.3201, 0.2575, 0.3235
Android (android.graphics.Color)	4281950563 (0xFF396163)
YUV	85.2680, 6.7699, -24.7910
Hunter-Lab	32.1249, -10.5771, -2.1762

# Details

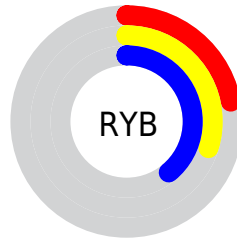
The Android color `4281950563` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284693305`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4285240470`, and `4278596149` is the 20% darker color. If you saturate the color by 10%, you get `4281295203`, and if you desaturate by 10%, it is `4282605923`.

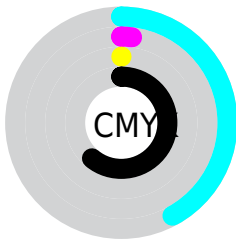
# Distribution



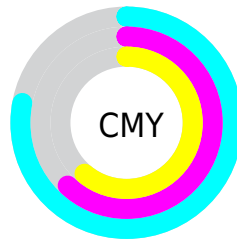
- Red (22%)
- Green (38%)
- Blue (39%)



- Red (22%)
- Yellow (30%)
- Blue (39%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (61%)



- Cyan (78%)
- Magenta (62%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281950563 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 4281950563 by changing the saturation by 10% instead.



■ 4281950563

■ 4281950563

4294967295

■ 4280371531

■ 4285240470

■ 4278596149

■ 4286951088

■ 4278197791

■ 4288662220

■ 4278190087

■ 4290504424

■ 4278190080

■ 4292345855

■ 4294246399

■ 4281950563

■ 4281950563

■ 4281295203

■ 4282605923

■ 4280639587

■ 4283261539

■ 4279984227

■ 4283916899

■ 4279328611

■ 4284572515

■ 4278738787

■ 4285227875

■ 4278214243

■ 4285817955

■ 4286473315

■ 4287128931

■ 4287784291

# Harmonies

## Analogous

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



4282409303



4281950563



4282146669

# Triad

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



4281950563



4284962153



4284897603

# Complementary

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



4281950563



4284693305

# 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.



4285486408



4281950563



4285551198

# Square

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



4281950563



4283979888



4285747794



4284111940

# Rectangle

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



4281950563



4282605169



4285747794



4285159236



# Sweetspot

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



4281950563



4285497216



4281951034



4281745216



4290756543



4282400832



# Same Dimension

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



4281950563



4282285184



4281945443



4281086000



4278217584



4278248688



# Inverse Universe

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



4284692833



4286594684



4284698425



4281347120



4285530219



4293918948



# Previews

## White Background



This preview shows how the Android color 4281950563 looks on a white background.

## Color Contrast Check

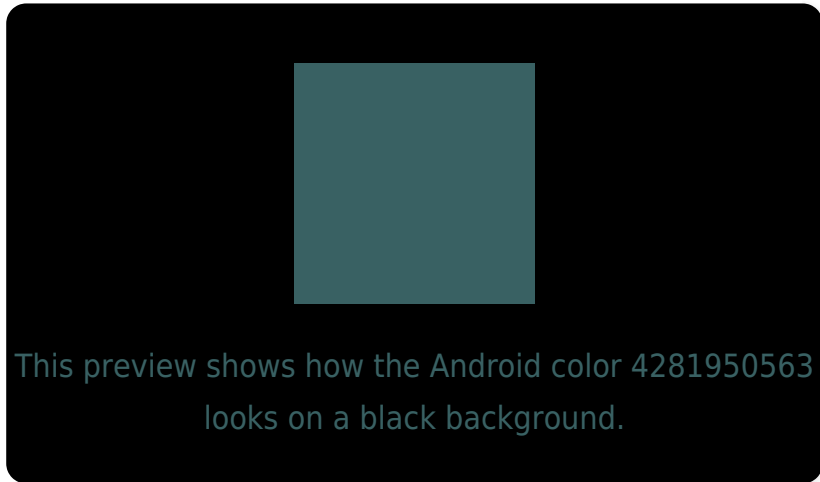
Large Text (above 18pt) WCAG AA ✓ Pass

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

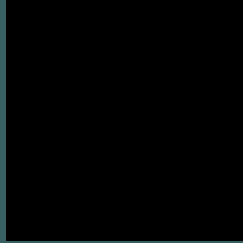
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281950563 Background



This preview shows how black text looks on a background with the Android color 4281950563.



This preview shows how white text looks on a background with the Android color 4281950563.

# 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**

4281950563

**Protanopia**

4284111454

**Deuteranopia**

4284373093



# Trichromacy



**Original Color**

4281950563

**Protanomaly**

4283325792

**Deuteranomaly**

4283521892

**Tritanomaly**

4282015846

# Monochromacy



**Original Color**

4281950563

**Achromatopsia**

4283782485

**Achromatomaly**

4283128154

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281950563 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(57, 97, 99)` looks like.

```
.text, #text, p{  
    color:rgb(57, 97, 99)  
}
```

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(57, 97, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 97, 99) }
```

## Border

The CSS property to change the border of an element to Android 4281950563 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(57, 97, 99) }
```

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

```
.border{ border-color:rgb(57, 97, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 97, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 97, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 97, 99);  
box-shadow:4px 4px 4px 4px rgb(57, 97, 99)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281950563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 97, 99) }
```

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

```
.background{ background-color: rgb(57, 97,  
99) }
```

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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