

# Converting Colors

Android(4284454581)

Have a look what the booklet for  
Android(4284454581) contains.

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# Color

**Android(4284454581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F96B5
RGB	95, 150, 181
RGB Percent	37%, 59%, 71%
CMY	0.6275, 0.4118, 0.2902
CMYK	0.48, 0.17, 0.00, 0.29
HSL	202°, 37%, 54%
HSV	202°, 48%, 71%
XYZ	23.9662, 27.5818, 47.7767
YIQ	137.0890, -42.7310, -2.0190

# Conversions

## Conversions Part 2

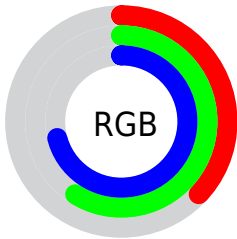
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 129, 181
Decimal	6264501
CIE <sub>Lab</sub>	59.51, -9.59, -21.79
CIE <sub>LCh</sub>	60, 23.807, 246.248
Yxy	27.5818, 0.2413, 0.2777
Android (android.graphics.Color)	4284454581 (0xFF5F96B5)
YUV	137.0890, 21.6481, -36.9121
Hunter-Lab	52.5184, -10.4507, -17.1741

# Details

The Android color `4284454581` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4290084447`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4288072941`, and `4280771456` is the 20% darker color. If you saturate the color by 10%, you get `4283273141`, and if you desaturate by 10%, it is `4285636021`.

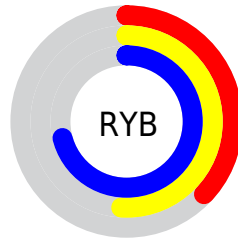
# Distribution



Red (37%)

Green (59%)

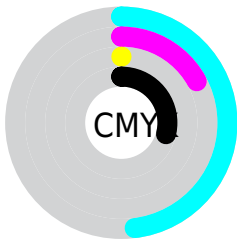
Blue (71%)



Red (37%)

Yellow (51%)

Blue (71%)

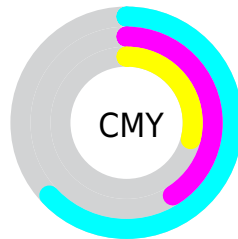


Cyan (48%)

Magenta (17%)

Yellow (0%)

Black (29%)



Cyan (63%)

Magenta (41%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284454581 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 4284454581 by changing the saturation by 10% instead.





4284454581



4284454581

4294967295



4282678426



4288072941



4280771456



4289915135



4278209383



4291756031



4278203727



4293656575



4278198328



4278190627



4278190089



4278190080



4284454581



4284454581

■ 4283273141

■ 4285636021

■ 4282091957

■ 4286817205

■ 4280910517

■ 4287998645

■ 4279729333

■ 4289179829

■ 4278547893

■ 4290426805

■ 4278219957

■ 4291607989

■ 4292789429

■ 4293970613

■ 4294955445

# Harmonies

## Analogous

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



4283472551



4284454581



4286288057

# Triad

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



4284454581



4290347148



4286813549

# Complementary

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



4284454581



4290084447

# 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.



4288319334



4284454581



4290282104

# Square

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



4284454581



4289626785



4289562730



4285241982

# Rectangle

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



4284454581



4287597493



4289562730



4287337577



# Sweetspot

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



4284454581



4291485675



4284462461



4284575349



4294309365



4285887861



# Same Dimension

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



4284454581



4284857067



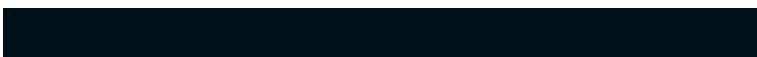
4284443829



4283455065



4278215321



4278194202



# Inverse Universe

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



4290076566



4293617082



4290095199



4284043350



4288217186



4279894032



# Previews

## White Background



This preview shows how the Android color 4284454581 looks on a white background.

## Color Contrast Check

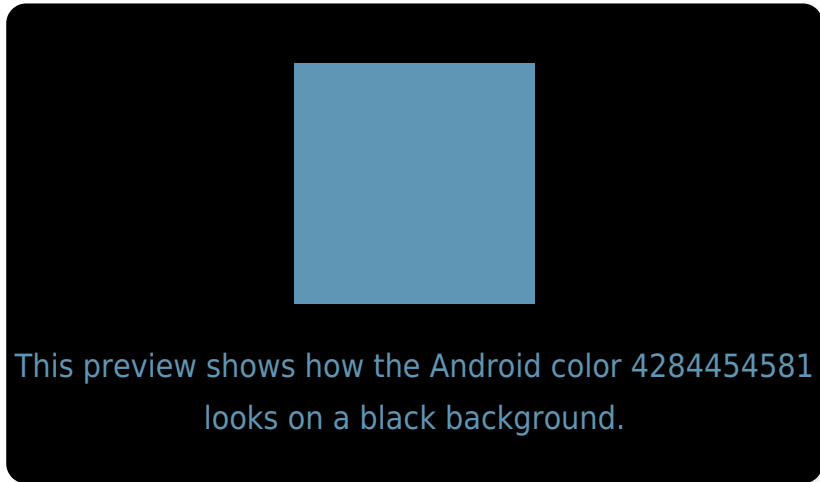
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284454581 Background



This preview shows how black text looks on a background with the Android color 4284454581.



This preview shows how white text looks on a background with the Android color 4284454581.

# 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**  
4284454581

**Protanomaly**  
4286091441

**Deuteranomaly**  
4286091446

**Tritanomaly**  
4284258475

# Monochromacy



**Original Color**  
4284454581

**Achromatopsia**  
4287203721

**Achromatomaly**  
4286221977

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284454581 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(95, 150, 181)` looks like.

```
.text, #text, p{  
    color:rgb(95, 150, 181)  
}
```

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(95, 150, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 150, 181) }
```

## Border

The CSS property to change the border of an element to Android 4284454581 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(95, 150, 181) }
```

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

```
.border{ border-color:rgb(95, 150, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 150, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 150, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 150, 181);  
box-shadow:4px 4px 4px 4px rgb(95, 150,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4284454581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 150, 181) }
```

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

```
.background{ background-color: rgb(95, 150,  
181) }
```

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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