

# Converting Colors

Android(4284058021)

Have a look what the booklet for  
Android(4284058021) contains.

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# Color

**Android(4284058021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5989A5
RGB	89, 137, 165
RGB Percent	35%, 54%, 65%
CMY	0.6510, 0.4627, 0.3529
CMYK	0.46, 0.17, 0.00, 0.35
HSL	202°, 30%, 50%
HSV	202°, 46%, 65%
XYZ	19.8570, 22.7318, 38.9384
YIQ	125.8400, -37.5960, -1.4680

# Conversions

## Conversions Part 2

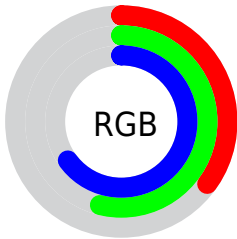
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	89, 118, 165
Decimal	5867941
CIE Lab	54.79, -8.47, -19.90
CIE LCh	55, 21.627, 246.954
Yxy	22.7318, 0.2436, 0.2788
Android (android.graphics.Color)	4284058021 (0xFF5989A5)
YUV	125.8400, 19.3059, -32.3087
Hunter-Lab	47.6779, -9.0940, -15.0475

# Details

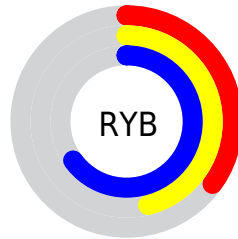
The Android color `4284058021` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289033561`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4287610588`, and `4280506225` is the 20% darker color. If you saturate the color by 10%, you get `4282942373`, and if you desaturate by 10%, it is `4285108133`.

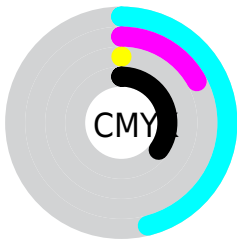
# Distribution



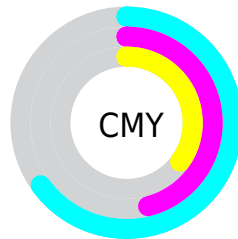
- Red (35%)
- Green (54%)
- Blue (65%)



- Red (35%)
- Yellow (46%)
- Blue (65%)



- Cyan (46%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (46%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284058021 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 4284058021 by changing the saturation by 10% instead.



 4284058021

 4284058021

4294967295

 4282282123

 4287610588

 4280506225

 4289387257

 4278206553

 4291229695

 4278200897

 4293132287

 4278195755

 4278190358

 4278190080

 4284058021

 4284058021

 4282942373

 4285108133

■ 4281892261

■ 4286223781

■ 4280776613

■ 4287339429

■ 4279726501

■ 4288389541

■ 4278676389

■ 4289439653

■ 4278216869

■ 4290555301

■ 4291605669

■ 4292721317

■ 4293771429

# Harmonies

## Analogous

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



4283141529



4284058021



4285694888

# Triad

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



4284058021



4289230207



4286089573

# Complementary

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



4284058021



4289033561

# 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.



4287398750



4284058021



4289165422

# Square

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



4284058021



4288640914



4288511329



4284648564

# Rectangle

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



4284058021



4286807972



4288511329



4286547809



# Sweetspot

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



4284058021



4290300886



4284065141



4284048491



4293651435



4285229931



# Same Dimension

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



4284058021



4284525526



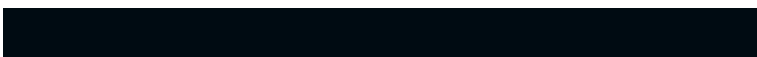
4284048293



4282994514



4278213777



4278192914



# Inverse Universe

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



4289026441



4292239531



4289043289



4283582799



4287692892



4279369739



# Previews

## White Background



This preview shows how the Android color 4284058021 looks on a white background.

## Color Contrast Check

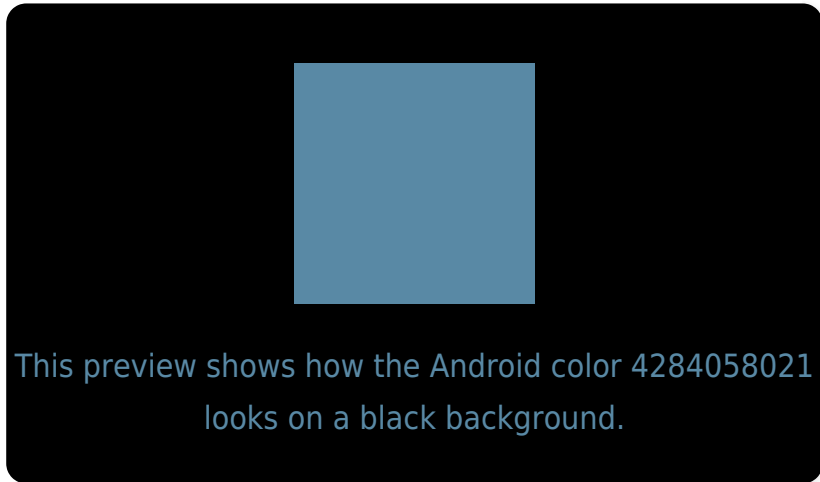
Large Text (above 18pt) WCAG AA ✓ Pass

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

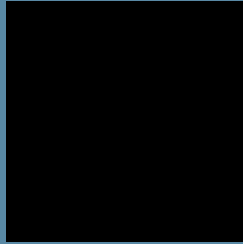
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4284058021 Background



This preview shows how black text looks on a background with the Android color 4284058021.

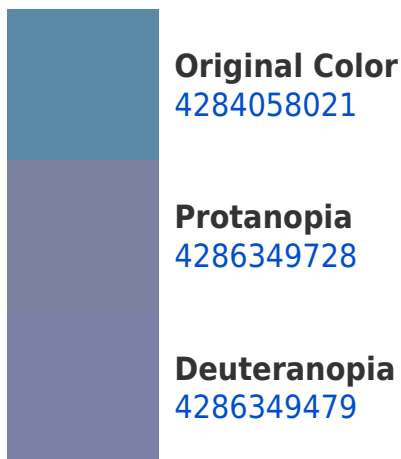


This preview shows how white text looks on a background with the Android color 4284058021.

# 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**  
4284058021

**Protanomaly**  
4285498530

**Deuteranomaly**  
4285498278

**Tritanomaly**  
4283861660

# Monochromacy



**Original Color**  
4284058021

**Achromatopsia**  
4286479998

**Achromatomaly**  
4285629068

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284058021 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(89, 137, 165)` looks like.

```
.text, #text, p{  
    color:rgb(89, 137, 165)  
}
```

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(89, 137, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 137, 165) }
```

## Border

The CSS property to change the border of an element to Android 4284058021 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(89, 137, 165) }
```

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

```
.border{ border-color:rgb(89, 137, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 137, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 137, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 137, 165);  
box-shadow:4px 4px 4px 4px rgb(89, 137,  
165) }
```

# Background

The CSS property to change the background color of an element to Android 4284058021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 137, 165) }
```

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

```
.background{ background-color: rgb(89, 137,  
165) }
```

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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