

# Converting Colors

Android(4284841651)

Have a look what the booklet for  
Android(4284841651) contains.

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# Color

**Android(4284841651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	657EB3
RGB	101, 126, 179
RGB Percent	40%, 49%, 70%
CMY	0.6039, 0.5059, 0.2980
CMYK	0.44, 0.30, 0.00, 0.30
HSL	221°, 34%, 55%
HSV	221°, 44%, 70%
XYZ	20.9644, 20.9431, 45.5853
YIQ	124.5670, -31.9130, 11.1830

# Conversions

## Conversions Part 2

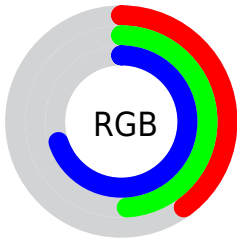
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 120, 179
Decimal	6651571
CIE Lab	52.89, 5.17, -30.85
CIE LCh	53, 31.278, 279.520
Yxy	20.9431, 0.2396, 0.2394
Android (android.graphics.Color)	4284841651 (0xFF657EB3)
YUV	124.5670, 26.8355, -20.6683
Hunter-Lab	45.7636, 1.6847, -27.0245

# Details

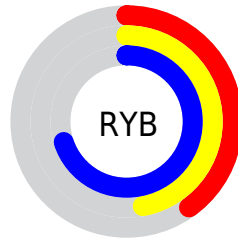
The Android color `4284841651` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289960549`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4288393963`, and `4281355646` is the 20% darker color. If you saturate the color by 10%, you get `4283658931`, and if you desaturate by 10%, it is `4286024371`.

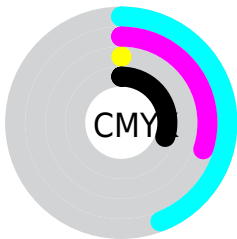
# Distribution



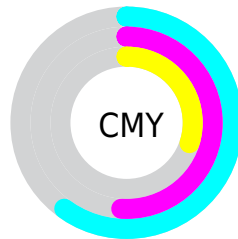
- Red (40%)
- Green (49%)
- Blue (70%)



- Red (40%)
- Yellow (47%)
- Blue (70%)



- Cyan (44%)
- Magenta (30%)
- Yellow (0%)
- Black (30%)



- Cyan (60%)
- Magenta (51%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284841651 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 4284841651 by changing the saturation by 10% instead.





4284841651



4284841651

4294967295



4283131288



4288393963



4281355646



4290236159



4279318373



4292078335



4278198861



4293984255



4278192950



4278190624



4278190083



4278190080



4284841651



4284841651

■ 4283658931

■ 4286024371

■ 4282476211

■ 4287207091

■ 4281293491

■ 4288389811

■ 4280110515

■ 4289572787

■ 4278993331

■ 4290755507

■ 4278204851

■ 4291872691

■ 4293055411

■ 4294238131

■ 4294962099

# Harmonies

## Analogous

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



4281632432



4284841651



4287394984

# Triad

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



4284841651



4289687133



4282944363

# Complementary

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



4284841651



4289960549

# 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.



4285171540



4284841651



4288640588

# Square

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



4284841651



4289882487



4287070024



4280192390

# Rectangle

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



4284841651



4288704154



4287070024



4283730530



# Sweetspot

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



4284841651



4291482856



4284855193



4284705141



4294309365



4285887861



# Same Dimension

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



4284841651



4285503208



4285687219



4283454297



4278202777



4278192154



# Inverse Universe

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



4289947006



4293422998



4289114981



4284043347



4288217137



4279894024



# Previews

## White Background



This preview shows how the Android color 4284841651 looks on a white background.

## Color Contrast Check

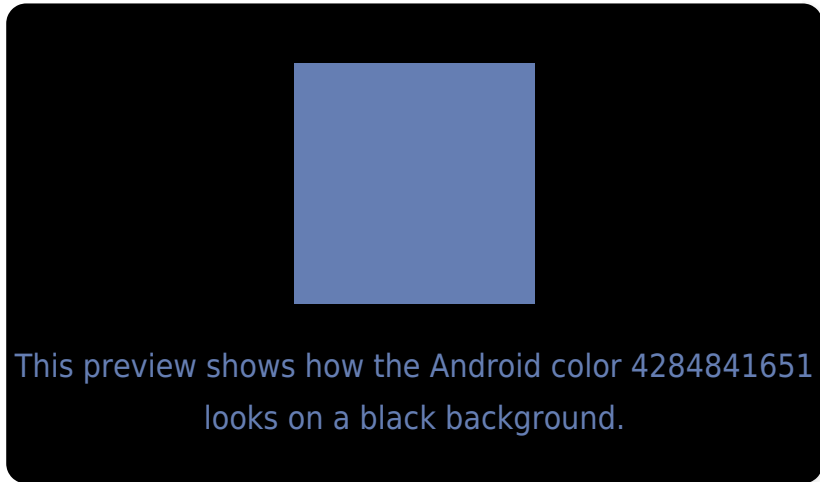
Large Text (above 18pt) WCAG AA ✓ Pass

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

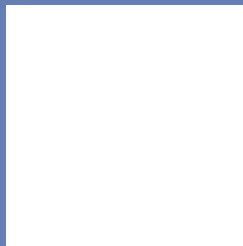
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284841651 Background



This preview shows how black text looks on a background with the Android color 4284841651.

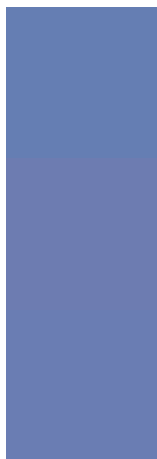


This preview shows how white text looks on a background with the Android color 4284841651.

# 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**

4284841651

**Protanopia**

4285365425

**Deuteranopia**

4285169075



# Trichromacy



**Original Color**  
4284841651

**Protanomaly**  
4285169074

**Deuteranomaly**  
4285038003

**Tritanomaly**  
4284449436

# Monochromacy



**Original Color**  
4284841651

**Achromatopsia**  
4286414205

**Achromatomaly**  
4285824401

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284841651 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(101, 126, 179)` looks like.

```
.text, #text, p{  
    color:rgb(101, 126, 179)  
}
```

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(101, 126, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 126, 179) }
```

## Border

The CSS property to change the border of an element to Android 4284841651 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(101, 126, 179) }
```

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

```
.border{ border-color:rgb(101, 126, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 126, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 126, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 126, 179);  
box-shadow:4px 4px 4px 4px rgb(101, 126,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4284841651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 126, 179) }
```

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

```
.background{ background-color: rgb(101,  
126, 179) }
```

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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