

# Converting Colors

Android(4285831421)

Have a look what the booklet for  
Android(4285831421) contains.

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# **Color**

**Android(4285831421)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7498FD
RGB	116, 152, 253
RGB Percent	45%, 60%, 99%
CMY	0.5451, 0.4039, 0.0078
CMYK	0.54, 0.40, 0.00, 0.01
HSL	224°, 97%, 72%
HSV	224°, 54%, 99%
XYZ	36.1603, 33.2613, 97.4427
YIQ	152.7500, -53.8770, 23.7790

# Conversions

## Conversions Part 2

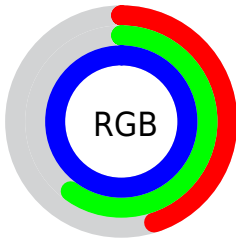
Format	Color
R <sub>Y</sub> B	116, 145, 253
Decimal	7641341
CIE Lab	64.37, 15.87, -54.16
CIE LCh	64, 56.439, 286.330
Yxy	33.2613, 0.2167, 0.1993
Android (android.graphics.Color)	4285831421 (0xFF7498FD)
YUV	152.7500, 49.4232, -32.2298
Hunter-Lab	57.6726, 10.9911, -59.8046

# Details

The Android color `4285831421` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294826356`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4289711871`, and `4281558724` is the 20% darker color. If you saturate the color by 10%, you get `4284188157`, and if you desaturate by 10%, it is `4287474685`.

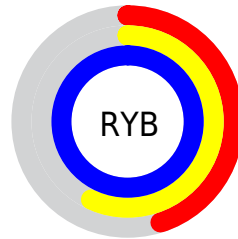
# Distribution



Red (45%)

Green (60%)

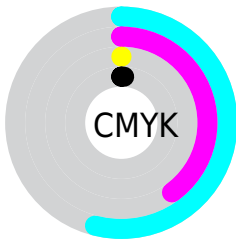
Blue (99%)



Red (45%)

Yellow (57%)

Blue (99%)

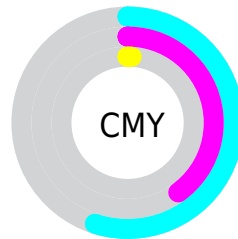


Cyan (54%)

Magenta (40%)

Yellow (0%)

Black (1%)



Cyan (55%)

Magenta (40%)















Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285831421 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 4285831421 by changing the saturation by 10% instead.



 4285831421	 4285831421
4294967295	 4283793120
 4289711871	 4281558724
 4291685119	 4278210216
 4293656575	 4278204557
	 4278199155
	 4278194010
	 4278191938
	 4278190891
	 4278190357

■ 4285831421

■ 4285831421

■ 4284188157

■ 4287474685

■ 4282479613

■ 4289183229

■ 4280836349

■ 4290826493

■ 4279193085

■ 4292469757

■ 4278207229

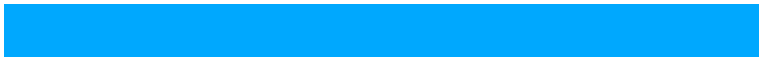
■ 4294178301

4294967293

# Harmonies

## Analogous

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



4278233342



4285831421



4290937826

# Triad

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



4285831421



4293688917



4278236035

# Complementary

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



4285831421



4294826356

# 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.



4284722515



4285831421



4291531062

# Square

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



4285831421



4294537347



4288520756



4278236599

# Rectangle

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



4285831421



4293031622



4288520756



4280267378



# Sweetspot

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



4285831421



4292272639



4285857240



4284968576



4278190080



4286611584



# Same Dimension

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



4285831421



4284057087



4287919357



4285757056



4278203071



4278194496



# Inverse Universe

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



4294800536



4294924677



4292738420



4286608246



4290707506



4282384401



# Previews

## White Background



This preview shows how the Android color 4285831421 looks on a white background.

## Color Contrast Check

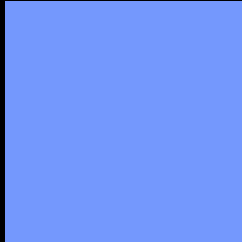
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4285831421 looks on a 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 ✓ Pass

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



# Android 4285831421 Background



This preview shows how black text looks on a background with the Android color 4285831421.



This preview shows how white text looks on a background with the Android color 4285831421.

# 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**

4285831421

**Protanopia**

4285765885

**Deuteranopia**

4284587260



# Trichromacy



**Original Color**  
4285831421

**Protanomaly**  
4285765885

**Deuteranomaly**  
4285045756

**Tritanomaly**  
4284719823

# Monochromacy



**Original Color**  
4285831421

**Achromatopsia**  
4288256409

**Achromatomaly**  
4287404477

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285831421 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(116, 152, 253)` looks like.

```
.text, #text, p{  
    color:rgb(116, 152, 253)  
}
```

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(116, 152, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 152, 253) }
```

## Border

The CSS property to change the border of an element to Android 4285831421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

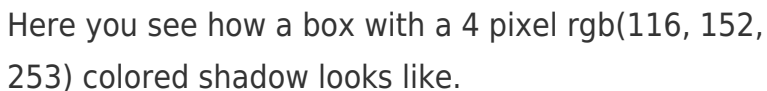
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 152, 253) }
```

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

```
.border{ border-color:rgb(116, 152, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 152, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 152, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 152, 253); box-shadow:4px 4px 4px 4px rgb(116, 152, 253) }
```

# Background

The CSS property to change the background color of an element to Android 4285831421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 152, 253) }
```

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

```
.background{ background-color: rgb(116,  
152, 253) }
```

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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