

# Converting Colors

Android(4284440541)

Have a look what the booklet for  
Android(4284440541) contains.

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# Color

**Android(4284440541)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F5FDD
RGB	95, 95, 221
RGB Percent	37%, 37%, 87%
CMY	0.6275, 0.6275, 0.1333
CMYK	0.57, 0.57, 0.00, 0.13
HSL	240°, 65%, 62%
HSV	240°, 57%, 87%
XYZ	21.8627, 15.8378, 70.3113
YIQ	109.3640, -40.4460, 39.1860

# Conversions

## Conversions Part 2

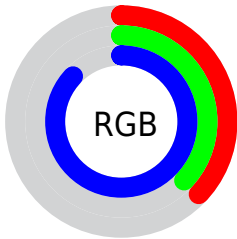
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 95, 221
Decimal	6250461
CIE <sub>Lab</sub>	46.76, 35.83, -64.66
CIE <sub>LCh</sub>	47, 73.926, 298.994
Yxy	15.8378, 0.2024, 0.1466
Android (android.graphics.Color)	4284440541 (0xFF5F5FDD)
YUV	109.3640, 55.0365, -12.5972
Hunter-Lab	39.7967, 28.4163, -76.8937

# Details

The Android color `4284440541` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted blue. A complement of this color would be `4292730207`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4288385791`, and `4279382437` is the 20% darker color. If you saturate the color by 10%, you get `4282993117`, and if you desaturate by 10%, it is `4285887965`.

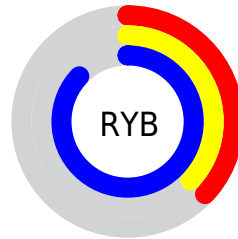
# Distribution



Red (37%)

Green (37%)

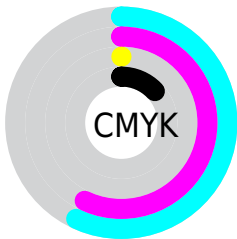
Blue (87%)



Red (37%)

Yellow (37%)

Blue (87%)

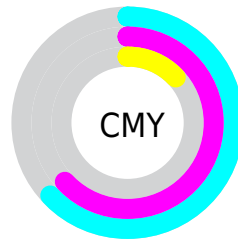


Cyan (57%)

Magenta (57%)

Yellow (0%)

Black (13%)



Cyan (63%)

Magenta (63%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284440541 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 4284440541 by changing the saturation by 10% instead.



 4284440541

 4284440541

4294967295

 4282337217

 4288385791

 4279382437

 4290358527

 4278197386

 4292266239

 4278192496

 4294305023

 4278190166

 4278191678

 4278190887

 4278190353

 4278190080

■ 4284440541

■ 4284440541

■ 4282993117

■ 4285887965

■ 4281545693

■ 4287335389

■ 4280098269

■ 4288782813

■ 4278650845

■ 4290230237

■ 4278190301

■ 4291743453

■ 4293190877

■ 4294638301

■ 4294967261

# Harmonies

## Analogous

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



4278221037



4284440541



4290066864

# Triad

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



4284440541



4290203648



4278225003

# Complementary

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



4284440541



4292730207

# 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.



4278224168



4284440541



4287196160

# Square

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



4284440541



4292094263



4283137024



4278225322

# Rectangle

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



4284440541



4291828104



4283137024



4278224981



# Sweetspot

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



4284440541



4292138239



4284472797



4284900992



4278190080



4286611584



# Same Dimension

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



4284440541



4283585279



4288569309



4284703598



4278190253



4278190126



# Inverse Universe

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



4292698077



4294923007



4288601439



4285424494



4289527981

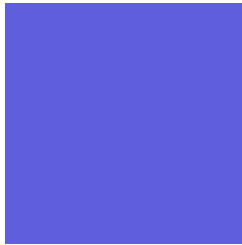


4281204782



# Previews

## White Background



This preview shows how the Android color 4284440541 looks on a white background.

## Color Contrast Check

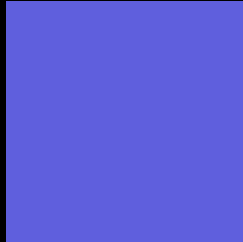
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4284440541 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

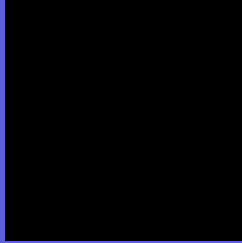
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284440541 Background



This preview shows how black text looks on a background with the Android color 4284440541.



This preview shows how white text looks on a background with the Android color 4284440541.

# 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**

4284440541

**Protanopia**

4278217442

**Deuteranopia**

4278219204



# Trichromacy



**Original Color**

4284440541



**Protanomaly**

4280510176



**Deuteranomaly**

4280511181



**Tritanomaly**

4282936994

# Monochromacy



**Original Color**

4284440541



**Achromatopsia**

4285361517



**Achromatomaly**

4285032598

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284440541 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, 95, 221)` looks like.

```
.text, #text, p{  
    color:rgb(95, 95, 221)  
}
```

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, 95, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 95, 221) }
```

## Border

The CSS property to change the border of an element to Android 4284440541 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, 95, 221) }
```

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

```
.border{ border-color:rgb(95, 95, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 95, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 95, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 95, 221);  
box-shadow:4px 4px 4px 4px rgb(95, 95,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4284440541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 95, 221) }
```

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

```
.background{ background-color: rgb(95, 95,  
221) }
```

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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