

# Converting Colors

Android(4284443377)

Have a look what the booklet for  
Android(4284443377) contains.

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# Color

**Android(4284443377)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F6AF1
RGB	95, 106, 241
RGB Percent	37%, 42%, 95%
CMY	0.6275, 0.5843, 0.0549
CMYK	0.61, 0.56, 0.00, 0.05
HSL	235°, 84%, 66%
HSV	235°, 61%, 95%
XYZ	25.7505, 19.0918, 85.5470
YIQ	118.1010, -49.8910, 39.6530

# Conversions

## Conversions Part 2

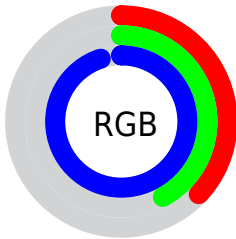
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 105, 241
Decimal	6253297
CIE Lab	50.79, 35.63, -69.39
CIE LCh	51, 77.998, 297.178
Yxy	19.0918, 0.1975, 0.1464
Android (android.graphics.Color)	4284443377 (0xFF5F6AF1)
YUV	118.1010, 60.5892, -20.2596
Hunter-Lab	43.6942, 28.7315, -85.4954

# Details

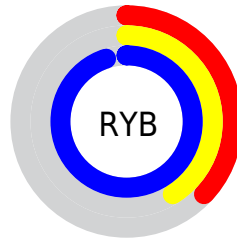
The Android color `4284443377` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted azure. A complement of this color would be `4294043231`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4288519679`, and `4278205368` is the 20% darker color. If you saturate the color by 10%, you get `4282864881`, and if you desaturate by 10%, it is `4286021873`.

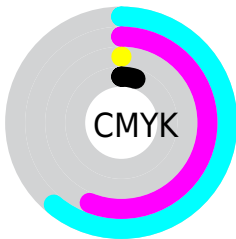
# Distribution



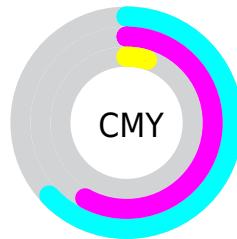
- Red (37%)
- Green (42%)
- Blue (95%)



- Red (37%)
- Yellow (41%)
- Blue (95%)



- Cyan (61%)
- Magenta (56%)
- Yellow (0%)
- Black (5%)



- Cyan (63%)
- Magenta (58%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284443377 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 4284443377 by changing the saturation by 10% instead.



 4284443377

 4284443377

4294967295

 4282143444

 4288519679

 4278205368

 4290558207

 4278199964

 4292531455

 4278195073

 4294570239

 4278190184

 4278192718

 4278191414

 4278190624

 4278190084

■ 4284443377

■ 4284443377

■ 4282864881

■ 4286021873

■ 4281286129

■ 4287600625

■ 4279707633

■ 4289179121

■ 4278194929

■ 4290757617

■ 4292336113

■ 4293980401

■ 4294967281

# Harmonies

## Analogous

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



4278224127



4284443377



4290790082

# Triad

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



4284443377



4291384832



4278228080

# Complementary

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



4284443377



4294043231

# 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.



4278226984



4284443377



4288181248

# Square

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



4284443377



4293340225



4283926272



4278228404

# Rectangle

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



4284443377



4292813464



4283926272



4278227801



# Sweetspot

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



4284443377



4291941887



4284477925



4284704384



4278190080



4286611584



# Same Dimension

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



4284443377



4282733567



4288438257



4285295992



4278193848



4278191160



# Inverse Universe

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



4294008682



4294919507



4290048351



4286082157



4290248718

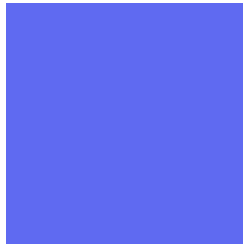


4281860100



# Previews

## White Background



This preview shows how the Android color 4284443377 looks on a white background.

## Color Contrast Check

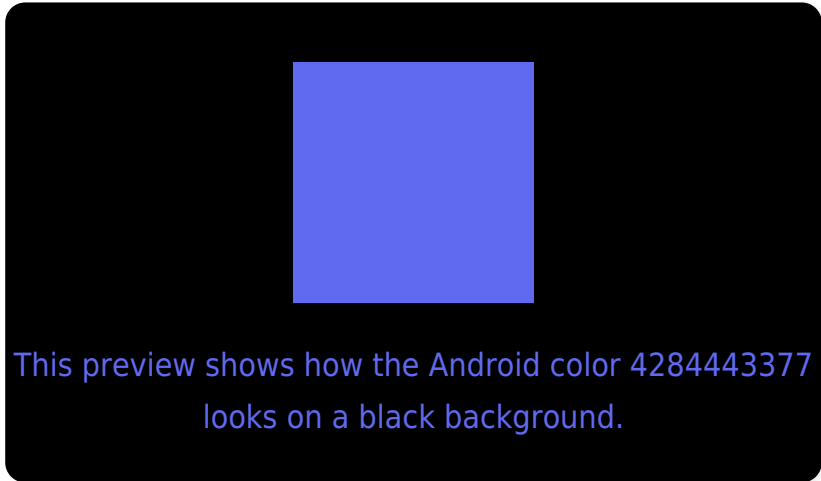
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284443377 Background



This preview shows how black text looks on a background with the Android color 4284443377.



This preview shows how white text looks on a background with the Android color 4284443377.

# 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**

4284443377

**Protanopia**

4278220023

**Deuteranopia**

4278221782



# Trichromacy



**Original Color**  
4284443377

**Protanomaly**  
4280512757

**Deuteranomaly**  
4280514016

**Tritanomaly**  
4282481586

# Monochromacy



**Original Color**  
4284443377

**Achromatopsia**  
4285953654

**Achromatomaly**  
4285428387

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284443377 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, 106, 241)` looks like.

```
.text, #text, p{  
    color:rgb(95, 106, 241)  
}
```

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, 106, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 106, 241) }
```

## Border

The CSS property to change the border of an element to Android 4284443377 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, 106, 241) }
```

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

```
.border{ border-color:rgb(95, 106, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 106, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 106, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 106, 241);  
box-shadow:4px 4px 4px 4px rgb(95, 106,  
241) }
```

# Background

The CSS property to change the background color of an element to Android 4284443377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 106, 241) }
```

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

```
.background{ background-color: rgb(95, 106,  
241) }
```

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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