

# Converting Colors

Android(4284901373)

Have a look what the booklet for  
Android(4284901373) contains.

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# **Color**

**Android(4284901373)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6667FD
RGB	102, 103, 253
RGB Percent	40%, 40%, 99%
CMY	0.6000, 0.5961, 0.0078
CMYK	0.60, 0.59, 0.00, 0.01
HSL	240°, 97%, 70%
HSV	240°, 60%, 99%
XYZ	28.0594, 19.6171, 95.2361
YIQ	119.8010, -48.7460, 46.4380

# Conversions

## Conversions Part 2

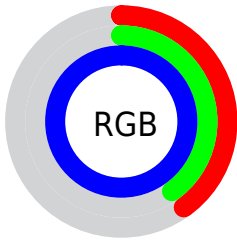
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	102, 103, 253
Decimal	6711293
CIELab	51.40, 42.40, -75.06
CIELCh	51, 86.209, 299.464
Yxy	19.6171, 0.1963, 0.1373
Android (android.graphics.Color)	4284901373 (0xFF6667FD)
YUV	119.8010, 65.6671, -15.6115
Hunter-Lab	44.2912, 35.5736, -96.4830

# Details

The Android color `4284901373` is a light color, and the websafe version is hex `6666FF`. A complement of this color would be `4294835302`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4289043199`, and `4278991043` is the 20% darker color. If you saturate the color by 10%, you get `4283256573`, and if you desaturate by 10%, it is `4286546173`.

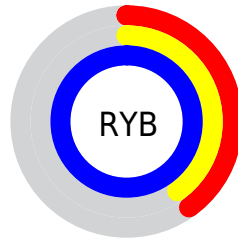
# Distribution



Red (40%)

Green (40%)

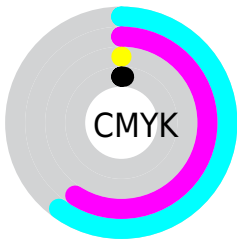
Blue (99%)



Red (40%)

Yellow (40%)

Blue (99%)

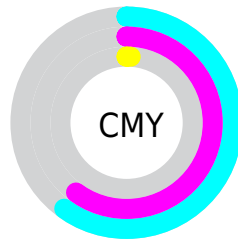


Cyan (60%)

Magenta (59%)

Yellow (0%)

Black (1%)



Cyan (60%)

Magenta (60%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284901373 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 4284901373 by changing the saturation by 10% instead.



 4284901373

 4284901373

4294967295

 4282601440

 4289043199

 4278991043

 4291081727

 4278198951

 4293054975

 4278194060

 4294962687

 4278190194

 4278192216

 4278191936

 4278190889

 4278190355

■ 4284901373

■ 4284901373

■ 4283256573

■ 4286546173

■ 4281546237

■ 4288256509

■ 4279901437

■ 4289901309

■ 4278256381

■ 4291546365

■ 4278190845

■ 4293256701

4294901501

4294967293

# Harmonies

## Analogous

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



4278224383



4284901373



4291703751

# Triad

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



4284901373



4291712512



4278229111

# Complementary

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



4284901373



4294835302

# 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.



4278228005



4284901373



4288050944

# Square

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



4284901373



4293925431



4283140608



4278229442

# Rectangle

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



4284901373



4293722264



4283140608



4278228829



# Sweetspot

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



4284901373



4291940863



4284939770



4284703872



4278190080



4286611584



# Same Dimension

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



4284901373



4282862079



4289685245



4285756288



4278190527



4278190144



# Inverse Universe

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



4294796903



4294920009



4290051430



4286608243



4290707457

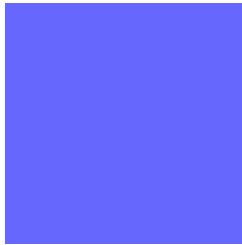


4282384384



# Previews

## White Background



This preview shows how the Android color 4284901373 looks on a white background.

## Color Contrast Check

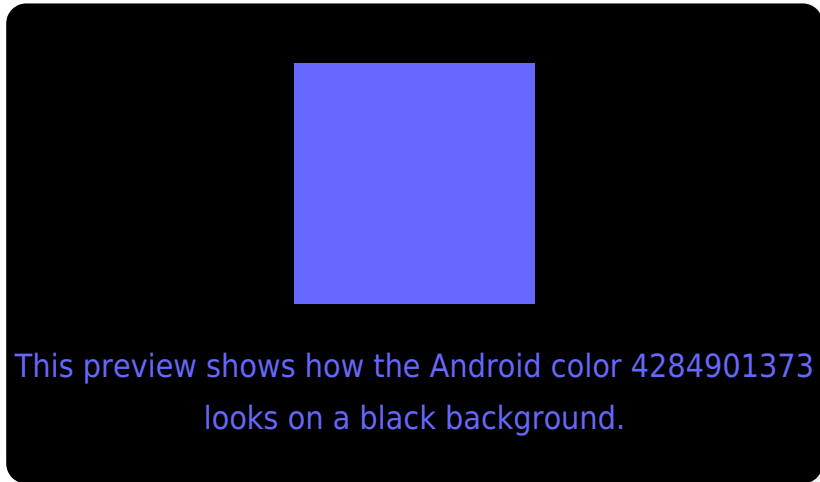
Large Text (above 18pt) WCAG AA ✓ Pass

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

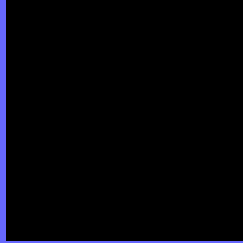
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4284901373 Background



This preview shows how black text looks on a background with the Android color 4284901373.



This preview shows how white text looks on a background with the Android color 4284901373.

# 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**  
4284901373



**Protanomaly**  
4280643834



**Deuteranomaly**  
4280645093



**Tritanomaly**  
4282809016

# Monochromacy



**Original Color**  
4284901373



**Achromatopsia**  
4286085240



**Achromatomaly**  
4285625000

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284901373 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(102, 103, 253)` looks like.

```
.text, #text, p{  
    color:rgb(102, 103, 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(102, 103, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 103, 253) }
```

## Border

The CSS property to change the border of an element to Android 4284901373 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(102, 103, 253) }
```

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

```
.border{ border-color:rgb(102, 103, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 103, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 103, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 103, 253);  
box-shadow:4px 4px 4px 4px rgb(102, 103,  
253) }
```

# Background

The CSS property to change the background color of an element to Android 4284901373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 103, 253) }
```

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

```
.background{ background-color: rgb(102,  
103, 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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