

# Converting Colors

Android(4286350002)

Have a look what the booklet for  
Android(4286350002) contains.

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# Color

**Android(4286350002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C82B2
RGB	124, 130, 178
RGB Percent	49%, 51%, 70%
CMY	0.5137, 0.4902, 0.3020
CMYK	0.30, 0.27, 0.00, 0.30
HSL	233°, 26%, 59%
HSV	233°, 30%, 70%
XYZ	24.3307, 23.4647, 45.3663
YIQ	133.6780, -18.9840, 13.6560

# Conversions

## Conversions Part 2

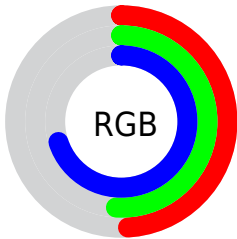
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 129, 178
Decimal	8159922
CIELab	55.55, 9.08, -26.02
CIElCh	56, 27.558, 289.234
Yxy	23.4647, 0.2612, 0.2519
Android (android.graphics.Color)	4286350002 (0xFF7C82B2)
YUV	133.6780, 21.8507, -8.4876
Hunter-Lab	48.4404, 4.8865, -21.6191

# Details

The Android color `4286350002` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4289899644`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4289902570`, and `4282995069` is the 20% darker color. If you saturate the color by 10%, you get `4285166258`, and if you desaturate by 10%, it is `4287533746`.

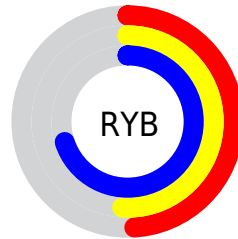
# Distribution



Red (49%)

Green (51%)

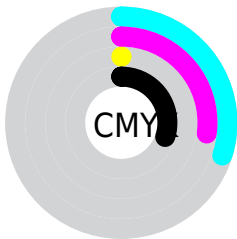
Blue (70%)



Red (49%)

Yellow (51%)

Blue (70%)

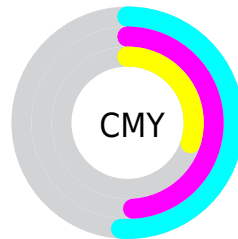


Cyan (30%)

Magenta (27%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (49%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286350002 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 4286350002 by changing the saturation by 10% instead.



■ 4286350002

■ 4286350002

4294967295

■ 4284639639

■ 4289902570

■ 4282995069

■ 4291744511

■ 4281416292

■ 4293586943

■ 4279772492

■ 4278194229

■ 4278190623

■ 4278190083

■ 4278190080

■ 4286350002

■ 4286350002

■ 4285166258

■ 4287533746

■ 4283982514

■ 4288717490

■ 4282864562

■ 4289835442

■ 4281680818

■ 4291019186

■ 4280497074

■ 4292202930

■ 4279313330

■ 4293386674

■ 4278195378

■ 4294570418

■ 4294967218

# Harmonies

## Analogous

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



4283927220



4286350002



4288379556

# Triad

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



4286350002



4289624418



4283339387

# Complementary

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



4286350002



4289899644

# 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.



4285238885



4286350002



4288512342

# Square

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



4286350002



4290081910



4287006807



4281766548

# Rectangle

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



4286350002



4289295767



4287006807



4283928947



# Sweetspot

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



4286350002



4292072936



4286362284



4285033077



4294309365



4285887861



# Same Dimension

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



4286350002



4287995624



4287724722



4283453785



4278194585



4278190874



# Inverse Universe

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



4289887362



4293432734



4288524924



4284043345



4288217105



4279894019



# Previews

## White Background



This preview shows how the Android color 4286350002 looks on a white background.

## Color Contrast Check

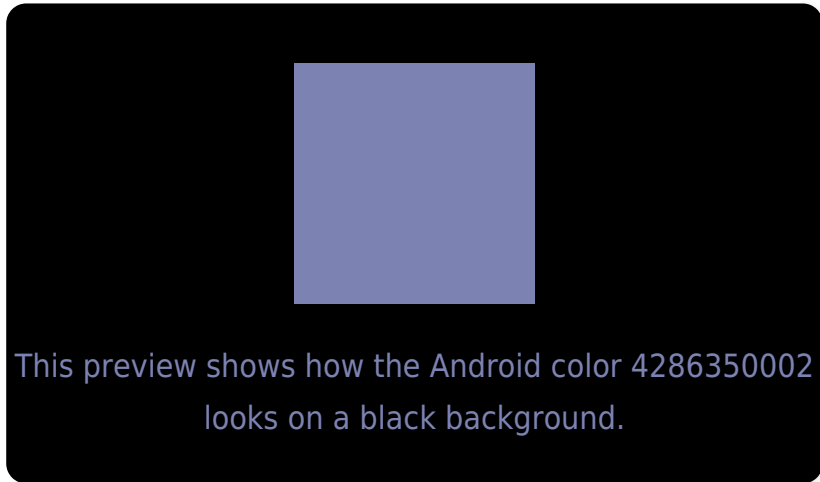
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286350002 Background



This preview shows how black text looks on a background with the Android color 4286350002.



This preview shows how white text looks on a background with the Android color 4286350002.

# 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**  
4286350002

**Protanopia**  
4286022579

**Deuteranopia**  
4286153650



# Trichromacy



**Original Color**  
4286350002

**Protanomaly**  
4286153651

**Deuteranomaly**  
4286219186

**Tritanomaly**  
4286088862

# Monochromacy



**Original Color**  
4286350002

**Achromatopsia**  
4287006342

**Achromatomaly**  
4286743958

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286350002 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(124, 130, 178)` looks like.

```
.text, #text, p{  
    color:rgb(124, 130, 178)  
}
```

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(124, 130, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 130, 178) }
```

## Border

The CSS property to change the border of an element to Android 4286350002 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(124, 130, 178) }
```

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

```
.border{ border-color:rgb(124, 130, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 130, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 130, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 130, 178);  
box-shadow:4px 4px 4px 4px rgb(124, 130,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4286350002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 130, 178) }
```

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

```
.background{ background-color: rgb(124,  
130, 178) }
```

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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