

# Converting Colors

Android(4285826237)

Have a look what the booklet for  
Android(4285826237) contains.

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# Color

**Android(4285826237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7484BD
RGB	116, 132, 189
RGB Percent	45%, 52%, 74%
CMY	0.5451, 0.4824, 0.2588
CMYK	0.39, 0.30, 0.00, 0.26
HSL	227°, 36%, 60%
HSV	227°, 39%, 74%
XYZ	24.6390, 23.8897, 51.4567
YIQ	133.7140, -27.8330, 14.3350

# Conversions

## Conversions Part 2

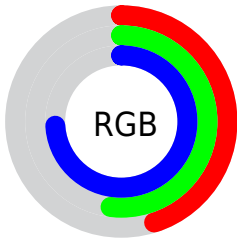
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 129, 189
Decimal	7636157
CIE <sub>Lab</sub>	55.98, 8.56, -31.69
CIE <sub>LCh</sub>	56, 32.823, 285.124
Yxy	23.8897, 0.2464, 0.2389
Android (android.graphics.Color)	4285826237 (0xFF7484BD)
YUV	133.7140, 27.2560, -15.5352
Hunter-Lab	48.8770, 4.4474, -28.2053

# Details

The Android color `4285826237` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4290620788`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4289378806`, and `4282405767` is the 20% darker color. If you saturate the color by 10%, you get `4284577213`, and if you desaturate by 10%, it is `4287075261`.

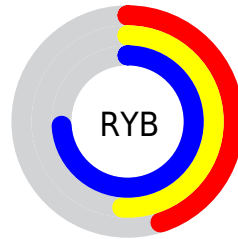
# Distribution



Red (45%)

Green (52%)

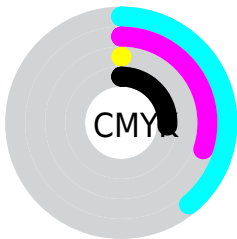
Blue (74%)



Red (45%)

Yellow (51%)

Blue (74%)

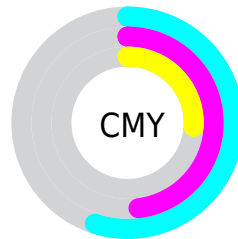


Cyan (39%)

Magenta (30%)

Yellow (0%)

Black (26%)



Cyan (55%)

Magenta (48%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285826237 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 4285826237 by changing the saturation by 10% instead.





4285826237



4285826237

4294967295



4284115874



4289378806



4282405767



4291220991



4280630382



4293128703



4278331221



4278194750



4278190887



4278190353



4278190080



4285826237



4285826237

■ 4284577213

■ 4287075261

■ 4283328189

■ 4288324285

■ 4282079421

■ 4289573053

■ 4280830397

■ 4290822077

■ 4279581373

■ 4292071101

■ 4278397885

■ 4293254589

■ 4278200765

■ 4294503357

■ 4294965949

■ 4294967229

# Harmonies

## Analogous

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



4282486205



4285826237



4288379311

# Triad

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



4285826237



4290213471



4282750071

# Complementary

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



4285826237



4290620788

# 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.



4285173853



4285826237



4289036367

# Square

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



4285826237



4290670713



4287269198



4279539092

# Rectangle

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



4285826237



4289623199



4287269198



4283601773



# Sweetspot

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



4285826237



4292337397



4285840812



4285099386



4294638330



4286216826



# Same Dimension

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



4285826237



4286881269



4287067325



4283783006



4278199198



4278191903



# Inverse Universe

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



4290606212



4294280349



4289379700



4284372311



4288544803

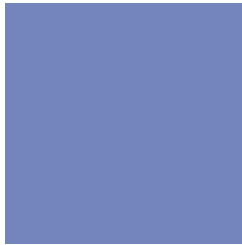


4280221703



# Previews

## White Background



This preview shows how the Android color 4285826237 looks on a white background.

## Color Contrast Check

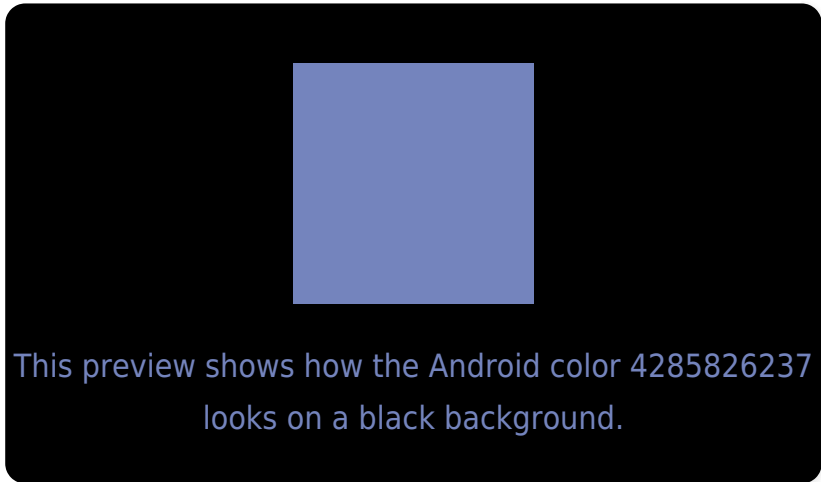
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285826237 Background



This preview shows how black text looks on a background with the Android color 4285826237.



This preview shows how white text looks on a background with the Android color 4285826237.

# 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**


4285826237

**Protanopia**

4285826237

**Deuteranopia**

4285695165



**Tritanopia**  
4285238167

# Trichromacy



**Original Color**

4285826237

**Protanomaly**

4285826237

**Deuteranomaly**

4285760701

**Tritanomaly**

4285434021

# Monochromacy



**Original Color**

4285826237

**Achromatopsia**

4287006342

**Achromatomaly**

4286547354

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285826237 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, 132, 189)` looks like.

```
.text, #text, p{  
    color:rgb(116, 132, 189)  
}
```

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, 132, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 132, 189) }
```

## Border

The CSS property to change the border of an element to Android 4285826237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

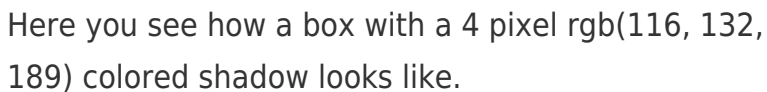
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 132, 189) }
```

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

```
.border{ border-color:rgb(116, 132, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 132, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 132, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 132, 189); box-shadow:4px 4px 4px 4px rgb(116, 132, 189) }
```

# Background

The CSS property to change the background color of an element to Android 4285826237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 132, 189) }
```

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

```
.background{ background-color: rgb(116,  
132, 189) }
```

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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