

# Converting Colors

Android(4280625529)

Have a look what the booklet for  
Android(4280625529) contains.

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# Color

**Android(4280625529)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	252979
RGB	37, 41, 121
RGB Percent	15%, 16%, 47%
CMY	0.8549, 0.8392, 0.5255
CMYK	0.69, 0.66, 0.00, 0.53
HSL	237°, 53%, 31%
HSV	237°, 69%, 47%
XYZ	5.0071, 3.3597, 18.4737
YIQ	48.9240, -28.0640, 24.0320

# Conversions

## Conversions Part 2

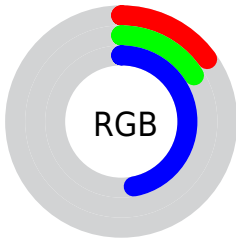
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 41, 121
Decimal	2435449
CIE <sub>Lab</sub>	21.43, 26.10, -46.19
CIE <sub>LCh</sub>	21, 53.049, 299.469
Yxy	3.3597, 0.1865, 0.1252
Android (android.graphics.Color)	4280625529 (0xFF252979)
YUV	48.9240, 35.5335, -10.4573
Hunter-Lab	18.3294, 16.6848, -46.9263

# Details

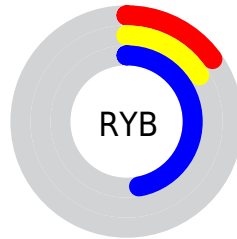
The Android color **4280625529** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4286149925**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4284307118**, and **4278190151** is the 20% darker color. If you saturate the color by 10%, you get **4279836025**, and if you desaturate by 10%, it is **4281415033**.

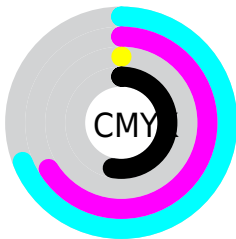
# Distribution



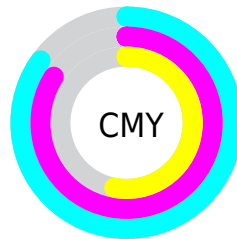
- Red (15%)
- Green (16%)
- Blue (47%)



- Red (15%)
- Yellow (16%)
- Blue (47%)



- Cyan (69%)
- Magenta (66%)
- Yellow (0%)
- Black (53%)



- Cyan (85%)
- Magenta (84%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280625529 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 4280625529 by changing the saturation by 10% instead.



 4280625529

 4280625529

4294967295

 4278195552

 4284307118

 4278190151

 4286148554


 4278191152

 4287924454

 4278190362

 4289766399

 4278190080

 4291673855

 4293581567

 4294964991

 4280625529

 4280625529

■ 4279836025

■ 4281415033

■ 4279046777

■ 4282204281

■ 4278257273

■ 4282993785

■ 4278191737

■ 4283783033

■ 4284638073

■ 4285427321

■ 4286216825

■ 4287006073

■ 4287795577

# Harmonies

## Analogous

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



4278204803



4280625529



4284417628

# Triad

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



4280625529



4284358400



4278207026

# Complementary

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



4280625529



4286149925

# 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.



4278206468



4280625529



4282462720

# Square

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



4280625529



4285595663



4279778304



4278207321

# Rectangle

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



4280625529



4285464643



4279778304



4278207012



# Sweetspot

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



4280625529



4286414494



4280646005



4282072143



4291809231



4283387727



# Same Dimension

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



4280625529



4279968158



4283114873



4281808701



4278191741



4278193404



# Inverse Universe

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



4286129449



4288551713



4283660581



4282201911



4286382086

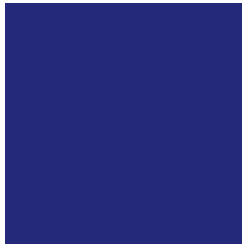


4294705164



# Previews

## White Background



This preview shows how the Android color 4280625529 looks on a white background.

## Color Contrast Check

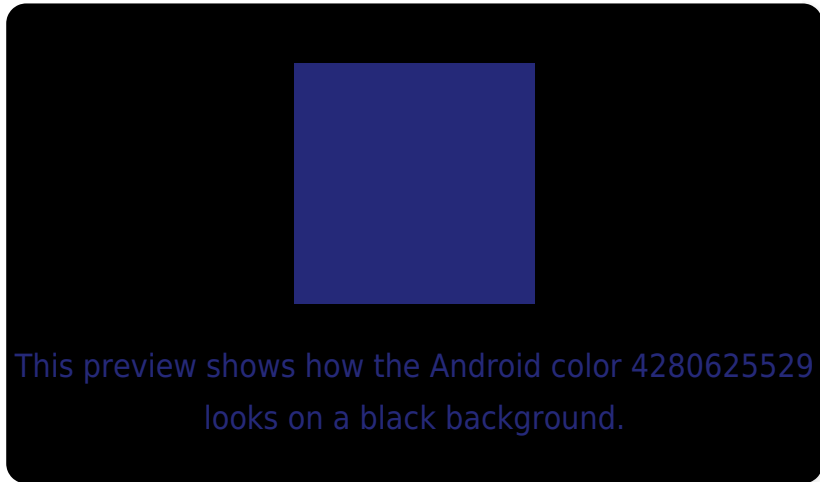
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4280625529 Background



This preview shows how black text looks on a background with the Android color 4280625529.



This preview shows how white text looks on a background with the Android color 4280625529.

# 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**  
4280625529

**Protanopia**  
4278202985

**Deuteranopia**  
4278203738



# Trichromacy



**Original Color**  
4280625529

**Protanomaly**  
4279054191

**Deuteranomaly**  
4279054693

**Tritanomaly**  
4279055187

# Monochromacy



**Original Color**  
4280625529

**Achromatopsia**  
4281413937

**Achromatomaly**  
4281151051

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280625529 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(37, 41, 121)` looks like.

```
.text, #text, p{  
    color:rgb(37, 41, 121)  
}
```

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(37, 41, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 41, 121) }
```

## Border

The CSS property to change the border of an element to Android 4280625529 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(37, 41, 121) }
```

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

```
.border{ border-color:rgb(37, 41, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 41, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 41, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 41, 121);  
box-shadow:4px 4px 4px 4px rgb(37, 41,  
121) }
```

# Background

The CSS property to change the background color of an element to Android 4280625529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 41, 121) }
```

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

```
.background{ background-color: rgb(37, 41,  
121) }
```

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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