

# Converting Colors

Android(4284836317)

Have a look what the booklet for  
Android(4284836317) contains.

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# Color

**Android(4284836317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6569DD
RGB	101, 105, 221
RGB Percent	40%, 41%, 87%
CMY	0.6039, 0.5882, 0.1333
CMYK	0.54, 0.52, 0.00, 0.13
HSL	238°, 64%, 63%
HSV	238°, 54%, 87%
XYZ	23.4695, 18.0903, 70.6614
YIQ	117.0280, -39.6200, 35.2280

# Conversions

## Conversions Part 2

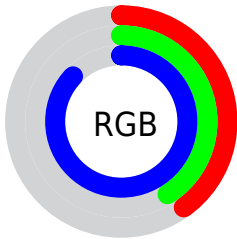
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	101, 105, 221
Decimal	6646237
CIE <sub>Lab</sub>	49.61, 30.90, -60.04
CIE <sub>LCh</sub>	50, 67.528, 297.233
Y <sub>xy</sub>	18.0903, 0.2091, 0.1612
Android (android.graphics.Color)	4284836317 (0xFF6569DD)
Y <sub>UV</sub>	117.0280, 51.2582, -14.0566
Hunter-Lab	42.5327, 24.0641, -68.7281

# Details

The Android color `4284836317` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4292729189`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4288716031`, and `4280433317` is the 20% darker color. If you saturate the color by 10%, you get `4283389149`, and if you desaturate by 10%, it is `4286283485`.

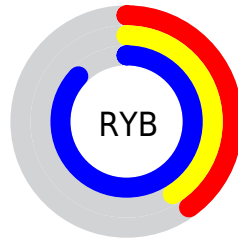
# Distribution



Red (40%)

Green (41%)

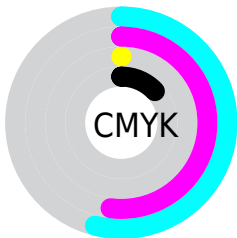
Blue (87%)



Red (40%)

Yellow (41%)

Blue (87%)

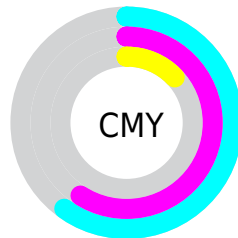


Cyan (54%)

Magenta (52%)

Yellow (0%)

Black (13%)



Cyan (60%)

Magenta (59%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284836317 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 4284836317 by changing the saturation by 10% instead.



 4284836317

 4284836317

4294967295

 4282798529

 4288716031

 4280433317

 4290623487

 4278199690

 4292596735

 4278194544

 4294569983

 4278190167

 4278191678

 4278190888

 4278190353

 4278190080

■ 4284836317

■ 4284836317

■ 4283389149

■ 4286283485

■ 4281941725

■ 4287730909

■ 4280494557

■ 4289178077

■ 4279047389

■ 4290625245

■ 4278192093

■ 4292072669

■ 4293585373

■ 4294967261

# Harmonies

## Analogous

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



4278222826



4284836317



4290005941

# Triad

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



4284836317



4290664713



4278226799

# Complementary

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



4284836317



4292729189

# 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.



4278225715



4284836317



4287853056

# Square

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



4284836317



4292295749



4284187136



4278226857

# Rectangle

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



4284836317



4291770513



4284187136



4278226523



# Sweetspot

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



4284836317



4292270335



4284866009



4284967040



4278190080



4286611584



# Same Dimension

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



4284836317



4284047359



4288505309



4284703598



4278191789



4278190638



# Inverse Universe

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



4292699497



4294924639



4289060197



4285424483



4289527814

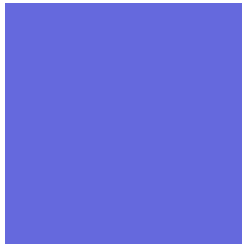


4281204738



# Previews

## White Background



This preview shows how the Android color 4284836317 looks on a white background.

## Color Contrast Check

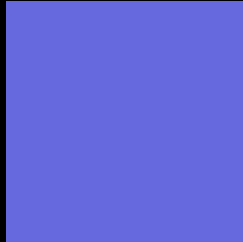
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4284836317 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

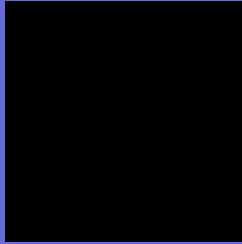
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4284836317 Background



This preview shows how black text looks on a background with the Android color 4284836317.



This preview shows how white text looks on a background with the Android color 4284836317.

# 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**  
4284836317

**Protanomaly**  
4282544099

**Deuteranomaly**  
4280644567

**Tritanomaly**  
4283594407

# Monochromacy



**Original Color**  
4284836317

**Achromatopsia**  
4285887861

**Achromatomaly**  
4285493659

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284836317 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(101, 105, 221)` looks like.

```
.text, #text, p{  
    color:rgb(101, 105, 221)  
}
```

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(101, 105, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 105, 221) }
```

## Border

The CSS property to change the border of an element to Android 4284836317 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(101, 105, 221) }
```

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

```
.border{ border-color:rgb(101, 105, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 105, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 105, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 105, 221);  
box-shadow:4px 4px 4px 4px rgb(101, 105,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4284836317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 105, 221) }
```

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

```
.background{ background-color: rgb(101,  
105, 221) }
```

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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