

# Converting Colors

Android(4281228711)

Have a look what the booklet for  
Android(4281228711) contains.

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# Color

**Android(4281228711)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E5DA7
RGB	46, 93, 167
RGB Percent	18%, 36%, 65%
CMY	0.8196, 0.6353, 0.3451
CMYK	0.72, 0.44, 0.00, 0.35
HSL	217°, 57%, 42%
HSV	217°, 72%, 65%
XYZ	12.0161, 11.1996, 38.0876
YIQ	87.3830, -51.7660, 13.0500

# Conversions

## Conversions Part 2

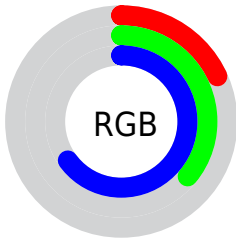
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 80, 167
Decimal	3038631
CIE <sub>Lab</sub>	39.91, 9.93, -44.52
CIE <sub>LCh</sub>	40, 45.610, 282.580
Yxy	11.1996, 0.1960, 0.1827
Android (android.graphics.Color)	4281228711 (0xFF2E5DA7)
YUV	87.3830, 39.2512, -36.2929
Hunter-Lab	33.4657, 5.5266, -44.0524

# Details

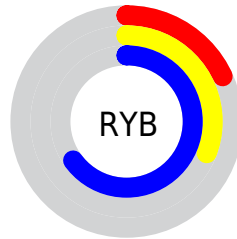
The Android color `4281228711` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289165358`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4285239263`, and `4278202482` is the 20% darker color. If you saturate the color by 10%, you get `4280112039`, and if you desaturate by 10%, it is `4282345383`.

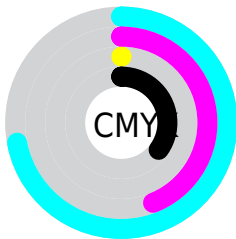
# Distribution



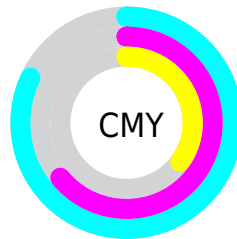
- Red (18%)
- Green (36%)
- Blue (65%)



- Red (18%)
- Yellow (31%)
- Blue (65%)



- Cyan (72%)
- Magenta (44%)
- Yellow (0%)
- Black (35%)



- Cyan (82%)
- Magenta (64%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281228711 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 4281228711 by changing the saturation by 10% instead.



■ 4281228711

4294967295

■ 4285239263

■ 4287146491

■ 4288988415

■ 4290896127

■ 4292869631

4294836223

■ 4281228711

■ 4280112039

■ 4281228711

■ 4278208140

■ 4278202482

■ 4278197337

■ 4278190146

■ 4278190890

■ 4278190357

■ 4278190080

■ 4281228711

■ 4282345383

■ 4279060903

■ 4283396519

■ 4278206887

■ 4284513447

■ 4285630119

■ 4286746791

■ 4287797927

■ 4288914599

■ 4290031527

■ 4291082663

# Harmonies

## Analogous

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



4278216869



4281228711



4285812117

# Triad

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



4281228711



4288234797



4278218310

# Complementary

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



4281228711



4289165358

# 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.



4281887267



4281228711



4286731281

# Square

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



4281228711



4288756304



4284637448



4278218861

# Rectangle

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



4281228711



4287447681



4284637448



4278218042



# Sweetspot

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



4281228711



4289314009



4281247607



4283522158



4293783021



4285427310



# Same Dimension

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



4281228711



4280051161



4282003111



4283191124



4278204820



4278192148



# Inverse Universe

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



4289146461



4292418661



4288390958



4283714639



4287889465



4279500808



# Previews

## White Background



This preview shows how the Android color 4281228711 looks on a white background.

## Color Contrast Check

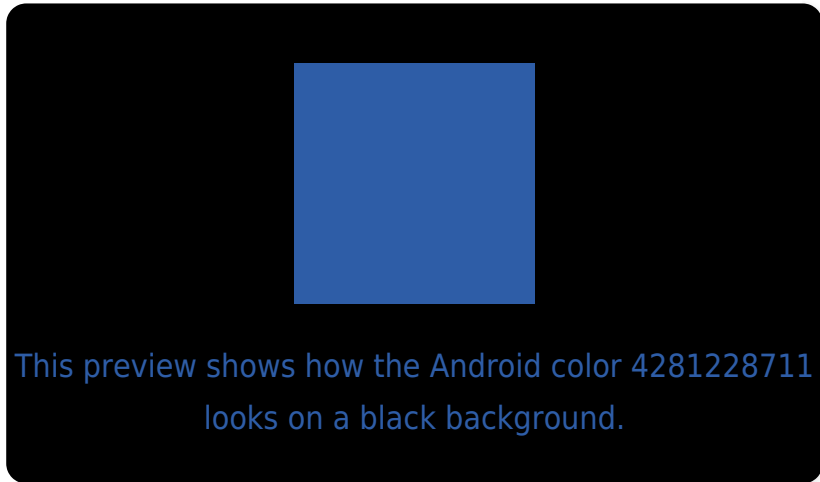
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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

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



# Android 4281228711 Background



This preview shows how black text looks on a background with the Android color 4281228711.



This preview shows how white text looks on a background with the Android color 4281228711.

# 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**

4281228711

**Protanopia**

4282080165

**Deuteranopia**

4279918502



# Trichromacy



**Original Color**  
4281228711

**Protanomaly**  
4281752742

**Deuteranomaly**  
4280376998

**Tritanomaly**  
4279329924

# Monochromacy



**Original Color**  
4281228711

**Achromatopsia**  
4283914071

**Achromatomaly**  
4282931572

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281228711 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(46, 93, 167)` looks like.

```
.text, #text, p{  
    color:rgb(46, 93, 167)  
}
```

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(46, 93, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 93, 167) }
```

## Border

The CSS property to change the border of an element to Android 4281228711 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(46, 93, 167) }
```

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

```
.border{ border-color:rgb(46, 93, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 93, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 93, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 93, 167);  
box-shadow:4px 4px 4px 4px rgb(46, 93,  
167) }
```

# Background

The CSS property to change the background color of an element to Android 4281228711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 93, 167) }
```

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

```
.background{ background-color: rgb(46, 93,  
167) }
```

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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