

# Converting Colors

Android(4280634326)

Have a look what the booklet for  
Android(4280634326) contains.

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# Color

**Android(4280634326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	254BD6
RGB	37, 75, 214
RGB Percent	15%, 29%, 84%
CMY	0.8549, 0.7059, 0.1608
CMYK	0.83, 0.65, 0.00, 0.16
HSL	227°, 71%, 49%
HSV	227°, 83%, 84%
XYZ	15.4166, 10.2805, 64.7901
YIQ	79.4840, -67.2670, 35.1730

# Conversions

## Conversions Part 2

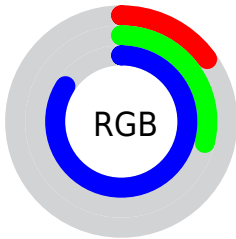
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 68, 214
Decimal	2444246
CIELab	38.34, 38.45, -74.53
CIELCh	38, 83.863, 297.290
Yxy	10.2805, 0.1704, 0.1136
Android (android.graphics.Color)	4280634326 (0xFF254BD6)
YUV	79.4840, 66.3164, -37.2585
Hunter-Lab	32.0632, 29.7156, -97.3629

# Details

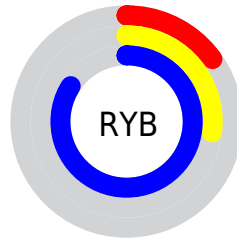
The Android color `4280634326` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4292259877`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4285693183`, and `4278198430` is the 20% darker color. If you saturate the color by 10%, you get `4279253718`, and if you desaturate by 10%, it is `4282014934`.

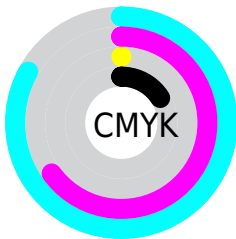
# Distribution



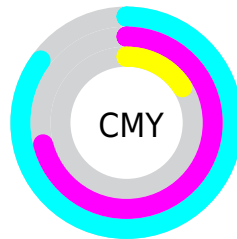
- Red (15%)
- Green (29%)
- Blue (84%)



- Red (15%)
- Yellow (27%)
- Blue (84%)



- Cyan (83%)
- Magenta (65%)
- Yellow (0%)
- Black (16%)



- Cyan (85%)
- Magenta (71%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280634326 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 4280634326 by changing the saturation by 10% instead.



 4280634326

 4280634326

4294967295

 4278203834

 4285693183

 4278198430

 4287796735

 4278193795

 4289835263

 4278190185

 4291874047

 4278192720

 4293912831

 4278191416

 4278190625

 4278190087

 4278190080

■ 4280634326

■ 4280634326

■ 4279253718

■ 4282014934

■ 4278202070

■ 4283461078

■ 4284841430

■ 4286287574

■ 4287668182

■ 4289048790

■ 4290494934

■ 4291875286

■ 4293321430

# Harmonies

## Analogous

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



4278216678



4280634326



4288741541

# Triad

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



4280634326



4289081856



4278219602

# Complementary

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



4280634326



4292259877

# 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.



4278218752



4280634326



4285814272

# Square

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



4280634326



4291100706



4281231360



4278219928

# Rectangle

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



4280634326



4290773114



4281231360



4278219322



# Sweetspot

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



4280634326



4290760191



4280669872



4284047744



4278190080



4286611584



# Same Dimension

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



4280634326



4278401535



4283901398



4284506987



4278199723



4278192427



# Inverse Universe

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



4292224331



4294902585



4288992805



4285227107



4289396773

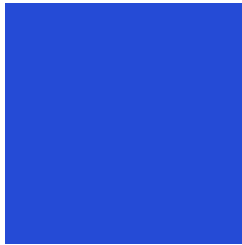


4281008137



# Previews

## White Background



This preview shows how the Android color 4280634326 looks on a white background.

## Color Contrast Check

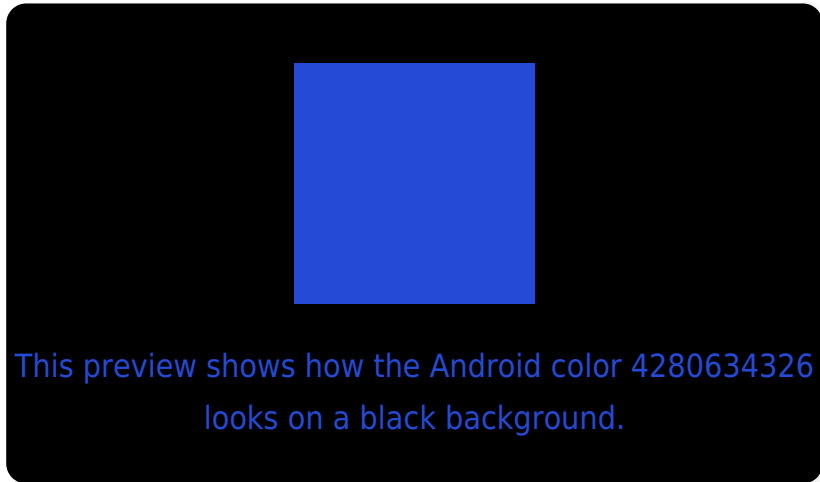
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280634326 Background



This preview shows how black text looks on a background with the Android color 4280634326.



This preview shows how white text looks on a background with the Android color 4280634326.

# 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**  
4280634326

**Protanopia**  
4278212279

**Deuteranopia**  
4278213788



# Trichromacy



**Original Color**  
4280634326

**Protanomaly**  
4279063234

**Deuteranomaly**  
4279064241

**Tritanomaly**  
4279065489

# Monochromacy



**Original Color**  
4280634326

**Achromatopsia**  
4283387727

**Achromatomaly**  
4282404480

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280634326 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, 75, 214)` looks like.

```
.text, #text, p{  
    color:rgb(37, 75, 214)  
}
```

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, 75, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 75, 214) }
```

## Border

The CSS property to change the border of an element to Android 4280634326 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, 75, 214) }
```

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

```
.border{ border-color:rgb(37, 75, 214) }
```

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

Here you see how a box with a 4 pixel rgb(37, 75, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 75, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 75, 214);  
box-shadow:4px 4px 4px 4px rgb(37, 75,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4280634326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 75, 214) }
```

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

```
.background{ background-color: rgb(37, 75,  
214) }
```

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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