

# Converting Colors

Android(4280418546)

Have a look what the booklet for  
Android(4280418546) contains.

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# Color

**Android(4280418546)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2200F2
RGB	34, 0, 242
RGB Percent	13%, 0%, 95%
CMY	0.8667, 1.0000, 0.0510
CMYK	0.86, 1.00, 0.00, 0.05
HSL	248°, 100%, 47%
HSV	248°, 100%, 95%
XYZ	16.6867, 6.7509, 84.4280
YIQ	37.7540, -57.4180, 82.4700

# Conversions

## Conversions Part 2

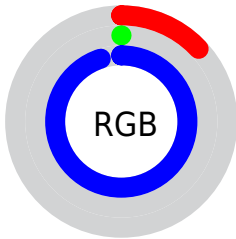
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	34, 0, 242
Decimal	2228466
CIE Lab	31.23, 76.38, -102.30
CIE LCh	31, 127.673, 306.745
Yxy	6.7509, 0.1547, 0.0626
Android (android.graphics.Color)	4280418546 (0xFF2200F2)
YUV	37.7540, 100.6933, -3.2923
Hunter-Lab	25.9825, 69.1686, -174.4704

# Details

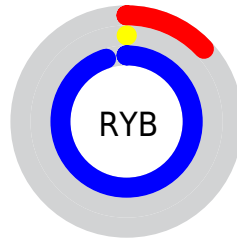
The Android color `4280418546` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark saturated blue. A complement of this color would be `4291883520`, and the grayscale version is `4280624421`.

A 20% lighter version of the original color is `4286400511`, and `4278190264` is the 20% darker color. If you saturate the color by 10%, you get `4280418546`, and if you desaturate by 10%, it is `4281800946`.

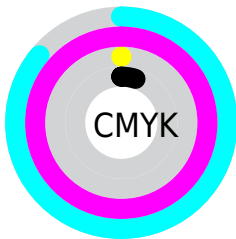
# Distribution



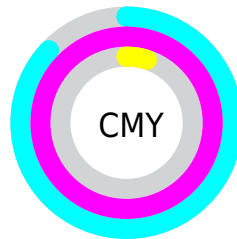
- Red (13%)
- Green (0%)
- Blue (95%)



- Red (13%)
- Yellow (0%)
- Blue (95%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)






















- Cyan (87%)
- Magenta (100%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280418546 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 4280418546 by changing the saturation by 10% instead.



 4280418546	 4280418546
 4294967295	 4278190293
 4286400511	 4278190264
 4288701183	 4278190236
 4290870783	 4278190209
 4293040639	 4278194278
 4294948351	 4278192717
 4294955775	 4278191413
 4294963199	 4278190623
	 4278190082

 4280418546

 4281800946

 4283183346

 4284500466

 4285882866

 4287265266

 4288647666

 4290030066

 4291347186

 4292729586

# Harmonies

## Analogous

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



4278213119



4280418546



4291035291

# Triad

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



4280418546



4287959552



4278216031

# Complementary

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



4280418546



4291883520

# 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.



4278215168



4280418546



4282797824

# Square

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



4280418546



4291559424



4278214144



4278217156

# Rectangle

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



4280418546



4292870234



4278214144



4278215740



# Sweetspot

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



4280418546



4290622463



4278244082



4283978368



4278190080



4286611584



# Same Dimension

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



4280418546



4280549631



4288217330



4285426808



4279894200



4278714424



# Inverse Universe

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



4294050000



4294901979



4284084736



4286082166



4290248862

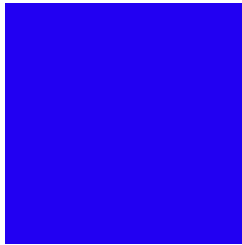


4281860144



# Previews

## White Background



This preview shows how the Android color 4280418546 looks on a white background.

## Color Contrast Check

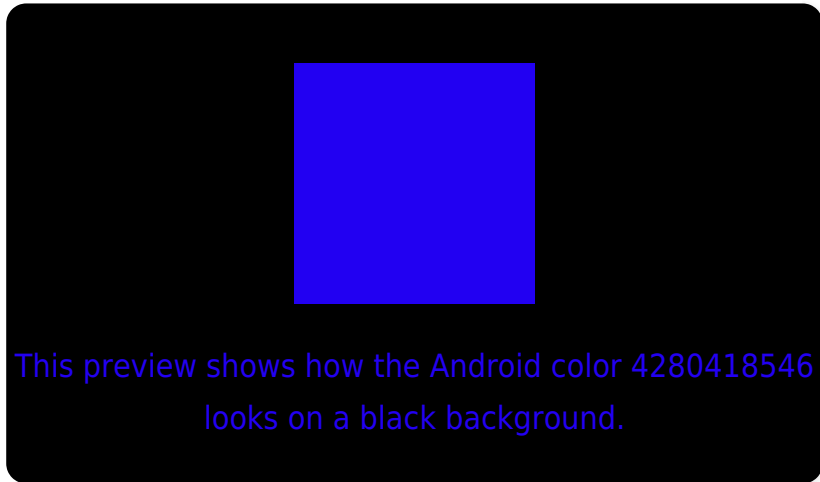
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280418546 Background



This preview shows how black text looks on a background with the Android color 4280418546.



This preview shows how white text looks on a background with the Android color 4280418546.

# 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**  
4280418546

**Protanopia**  
4278208663

**Deuteranopia**  
4278209920



# Trichromacy



**Original Color**  
4280418546

**Protanomaly**  
4278988472

**Deuteranomaly**  
4278989225

**Tritanomaly**  
4278990223

# Monochromacy



**Original Color**  
4280418546

**Achromatopsia**  
4280690214

**Achromatomaly**  
4280621168

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280418546 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(34, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(34, 0, 242)  
}
```

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(34, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 0, 242) }
```

## Border

The CSS property to change the border of an element to Android 4280418546 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(34, 0, 242) }
```

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

```
.border{ border-color:rgb(34, 0, 242) }
```

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

Here you see how a box with a 4 pixel rgb(34, 0, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(34, 0, 242)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280418546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 0, 242) }
```

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

```
.background{ background-color: rgb(34, 0,  
242) }
```

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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