

# Converting Colors

Android(4280032506)

Have a look what the booklet for  
Android(4280032506) contains.

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# Color

**Android(4280032506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C1CFA
RGB	28, 28, 250
RGB Percent	11%, 11%, 98%
CMY	0.8902, 0.8902, 0.0196
CMYK	0.89, 0.89, 0.00, 0.02
HSL	240°, 96%, 55%
HSV	240°, 89%, 98%
XYZ	18.1495, 7.9795, 91.0261
YIQ	53.3080, -71.2620, 69.0420

# Conversions

## Conversions Part 2

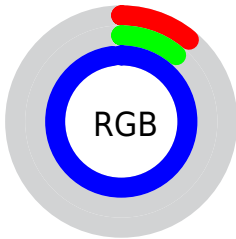
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 28, 250
Decimal	1842426
CIE <sub>Lab</sub>	33.94, 72.66, -102.30
CIE <sub>LCh</sub>	34, 125.484, 305.386
Y <sub>xy</sub>	7.9795, 0.1549, 0.0681
Android (android.graphics.Color)	4280032506 (0xFF1C1CFA)
YUV	53.3080, 96.9692, -22.1951
Hunter-Lab	28.2480, 65.2528, -171.2817

# Details

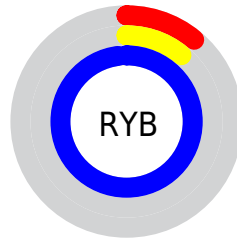
The Android color `4280032506` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark washed blue. A complement of this color would be `4294638108`, and the grayscale version is `4281611316`.

A 20% lighter version of the original color is `4286338303`, and `4278190272` is the 20% darker color. If you saturate the color by 10%, you get `4278387706`, and if you desaturate by 10%, it is `4281677306`.

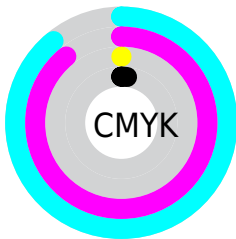
# Distribution



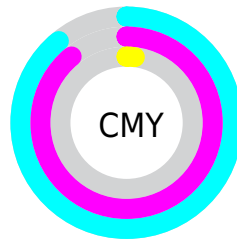
- Red (11%)
- Green (11%)
- Blue (98%)



- Red (11%)
- Yellow (11%)
- Blue (98%)



- Cyan (89%)
- Magenta (89%)
- Yellow (0%)
- Black (2%)





















- Cyan (89%)
- Magenta (89%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280032506 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 4280032506 by changing the saturation by 10% instead.



 4280032506	 4280032506
4294967295	 4278190300
 4286338303	 4278190272
 4288638719	 4278190243
 4290873855	 4278190216
 4292978175	 4278194285
 4294951423	 4278192980
 4294958847	 4278191676
 4294966271	 4278190629
	 4278190349

■ 4280032506

■ 4280032506

■ 4278387706

■ 4281677306

■ 4278190330

■ 4283322106

■ 4284966906

■ 4286611706

■ 4288256506

■ 4289901306

■ 4291546106

■ 4293190906

■ 4294835706

# Harmonies

## Analogous

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



4278214911



4280032506



4291297446

# Triad

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



4280032506



4288681728



4278217825

# Complementary

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



4280032506



4294638108

# 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.



4278216960



4280032506



4283585536

# Square

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



4280032506



4292149248



4278215680



4278218949

# Rectangle

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



4280032506



4293263460



4278215680



4278217533



# Sweetspot

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



4280032506



4290427647



4280089338



4283914112



4278190080



4286611584



# Same Dimension

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



4280032506



4278190335



4287307002



4285558909



4278190269



4278190141



# Inverse Universe

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



4294581498



4294902015



4287363612



4286410877



4290576573

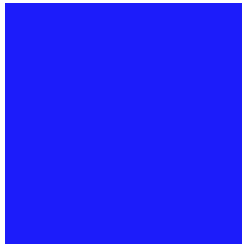


4282187837



# Previews

## White Background



This preview shows how the Android color 4280032506 looks on a white background.

## Color Contrast Check

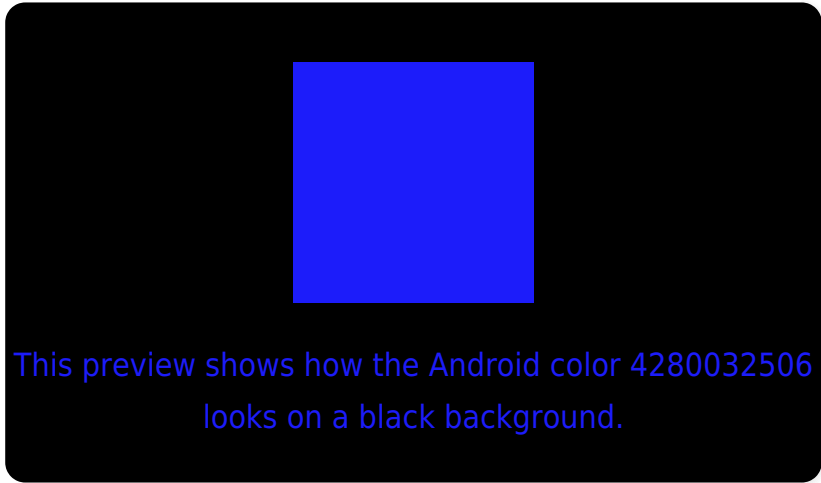
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280032506 Background



This preview shows how black text looks on a background with the Android color 4280032506.



This preview shows how white text looks on a background with the Android color 4280032506.

# 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**

4280032506

**Protanopia**

4278209696

**Deuteranopia**

4278211208



# Trichromacy



**Original Color**  
4280032506

**Protanomaly**  
4278860737

**Deuteranomaly**  
4278861489

**Tritanomaly**  
4278862485

# Monochromacy



**Original Color**  
4280032506

**Achromatopsia**  
4281677109

**Achromatomaly**  
4281085053

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280032506 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(28, 28, 250)` looks like.

```
.text, #text, p{  
    color:rgb(28, 28, 250)  
}
```

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(28, 28, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 28, 250) }
```

## Border

The CSS property to change the border of an element to Android 4280032506 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(28, 28, 250) }
```

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

```
.border{ border-color:rgb(28, 28, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 28, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 28, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 28, 250);  
box-shadow:4px 4px 4px 4px rgb(28, 28,  
250) }
```

# Background

The CSS property to change the background color of an element to Android 4280032506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 28, 250) }
```

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

```
.background{ background-color: rgb(28, 28,  
250) }
```

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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