

Converting Colors

Android(4280770501)

Have a look what the booklet for
Android(4280770501) contains.

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Color

Android(4280770501)

Conversions

Conversions Part 1

Format	Color
Hex	275FC5
RGB	39, 95, 197
RGB Percent	15%, 37%, 77%
CMY	0.8471, 0.6275, 0.2275
CMYK	0.80, 0.52, 0.00, 0.23
HSL	219°, 67%, 46%
HSV	219°, 80%, 77%
XYZ	15.0070, 12.6470, 54.4735
YIQ	89.8840, -66.1180, 19.8500

Conversions

Conversions Part 2

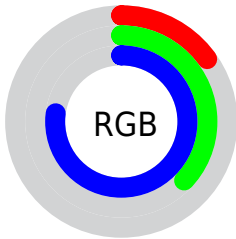
Format	Color
R_{YB}	39, 80, 197
Decimal	2580421
CIE _{Lab}	42.23, 19.27, -58.38
CIE _{LCh}	42, 61.478, 288.264
Yxy	12.6470, 0.1827, 0.1540
Android (android.graphics.Color)	4280770501 (0xFF275FC5)
YUV	89.8840, 52.8082, -44.6253
Hunter-Lab	35.5626, 13.0902, -65.9245

Details

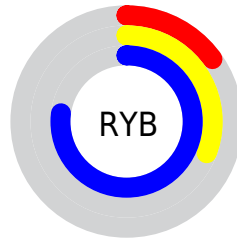
The Android color `4280770501` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted blue. A complement of this color would be `4291136807`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4285436414`, and `4278203022` is the 20% darker color. If you saturate the color by 10%, you get `4279456453`, and if you desaturate by 10%, it is `4282084549`.

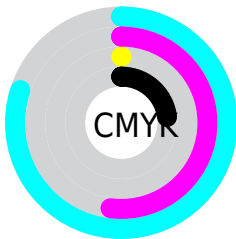
Distribution



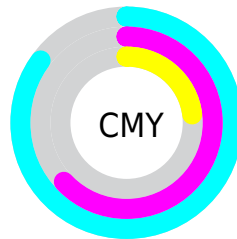
- Red (15%)
- Green (37%)
- Blue (77%)



- Red (15%)
- Yellow (31%)
- Blue (77%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (63%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280770501 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 4280770501 by changing the saturation by 10% instead.

■ 4280770501

■ 4280770501

4294967295

■ 4278208681

■ 4285436414

■ 4278203022

■ 4287409151

■ 4278197876

■ 4289382143

■ 4278191707

■ 4291355391

■ 4278191938

■ 4293328895

■ 4278190891

■ 4278190357

■ 4278190080

■ 4280770501

■ 4280770501

■ 4279456453

■ 4282084549

■ 4278208197

■ 4283332805

■ 4284646853

■ 4285960901

■ 4287274949

■ 4288523205

■ 4289837253

■ 4291151301

■ 4292399557

Harmonies

Analogous

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



4278218952



4280770501



4287317672

Triad

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



4280770501



4289413654



4278221133

Complementary

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



4280770501



4291136807

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.



4279071766



4280770501



4287191552

Square

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



4280770501



4290455879



4284246784



4278221442

Rectangle

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



4280770501



4289344138



4284246784



4278220860

Sweetspot

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



4280770501



4290959359



4280796555



4284180608



4278190080



4286611584

Same Dimension

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



4280770501



4278870527



4282132421



4284112227



4278205091



4278193444

Inverse Universe

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



4291110751



4294904417



4289774887



4284701277



4288872506



4280549389

Previews

White Background



This preview shows how the Android color 4280770501 looks on a white background.

Color Contrast Check

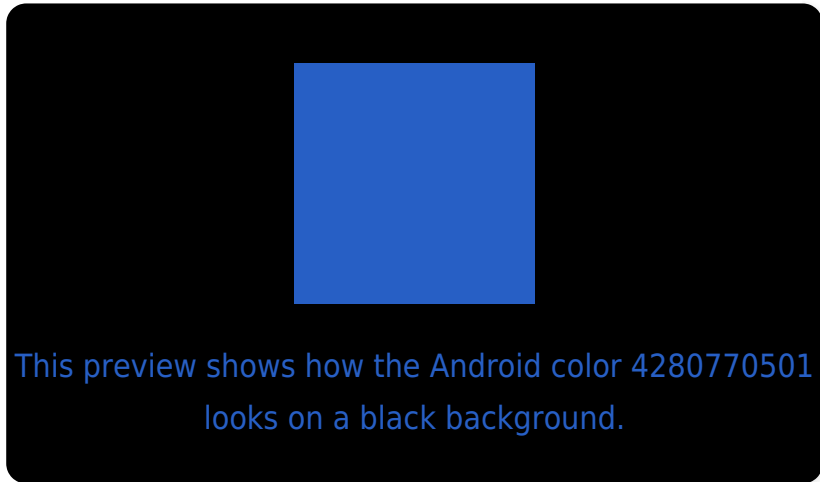
Large Text (above 18pt) WCAG AA ✓ Pass

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

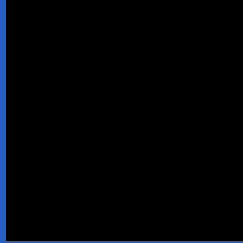
Any Text WCAG AA × Fail

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 4280770501 Background



This preview shows how black text looks on a background with the Android color 4280770501.



This preview shows how white text looks on a background with the Android color 4280770501.

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

4280770501

Protanopia

4280246470

Deuteranopia

4278216112

Trichromacy



Original Color
4280770501

Protanomaly
4280443078

Deuteranomaly
4279133112

Tritanomaly
4279134611

Monochromacy



Original Color
4280770501

Achromatopsia
4284111450

Achromatomaly
4282866817

CSS Examples

Text

The CSS property to change the color of the text to Android 4280770501 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(39, 95, 197)` looks like.

```
.text, #text, p{  
    color:rgb(39, 95, 197)  
}
```

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(39, 95, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 95, 197) }
```

Border

The CSS property to change the border of an element to Android 4280770501 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(39, 95, 197) }
```

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

```
.border{ border-color:rgb(39, 95, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 95, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 95, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 95, 197);  
box-shadow:4px 4px 4px 4px rgb(39, 95,  
197) }
```

Background

The CSS property to change the background color of an element to Android 4280770501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 95, 197) }
```

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

```
.background{ background-color: rgb(39, 95,  
197) }
```

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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