

Converting Colors

Android(4280700121)

Have a look what the booklet for
Android(4280700121) contains.

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Color

Android(4280700121)

Conversions

Conversions Part 1

Format	Color
Hex	264CD9
RGB	38, 76, 217
RGB Percent	15%, 30%, 85%
CMY	0.8510, 0.7020, 0.1490
CMYK	0.82, 0.65, 0.00, 0.15
HSL	227°, 70%, 50%
HSV	227°, 82%, 85%
XYZ	15.9082, 10.5907, 66.8514
YIQ	80.7120, -67.9090, 35.7950

Conversions

Conversions Part 2

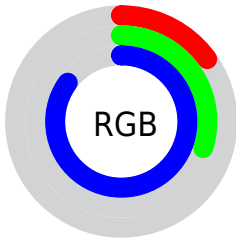
Format	Color
R_{YB}	38, 69, 217
Decimal	2510041
CIE _{Lab}	38.88, 38.99, -75.36
CIE _{LCh}	39, 84.848, 297.353
Yxy	10.5907, 0.1704, 0.1135
Android (android.graphics.Color)	4280700121 (0xFF264CD9)
YUV	80.7120, 67.1900, -37.4584
Hunter-Lab	32.5434, 30.3052, -99.0147

Details

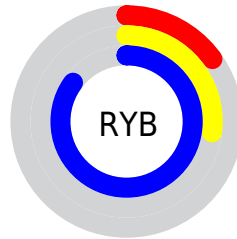
The Android color `4280700121` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4292457254`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4285758975`, and `4278198689` is the 20% darker color. If you saturate the color by 10%, you get `4279253977`, and if you desaturate by 10%, it is `4282146265`.

Distribution



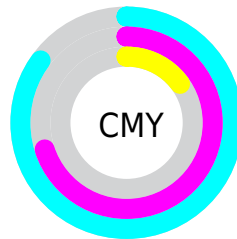
- Red (15%)
- Green (30%)
- Blue (85%)



- Red (15%)
- Yellow (27%)
- Blue (85%)



- Cyan (82%)
- Magenta (65%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (70%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280700121 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 4280700121 by changing the saturation by 10% instead.

 4280700121

 4280700121

4294967295

 4278204093

 4285758975


 4278198689

 4287862783

 4278194054

 4289901055

 4278190188

 4291939839

 4278192978

 4293978623

 4278191418

 4278190628

 4278190091

 4278190080

■ 4280700121

■ 4280700121

■ 4279253977

■ 4282146265

■ 4278202073

■ 4283526873

■ 4284973017

■ 4286419161

■ 4287865305

■ 4289246169

■ 4290692313

■ 4292138457

■ 4293519065

Harmonies

Analogous

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



4278216937



4280700121



4288938151

Triad

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



4280700121



4289213184



4278220115

Complementary

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



4280700121



4292457254

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.



4278219008



4280700121



4285945600

Square

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



4280700121



4291231778



4281231616



4278220442

Rectangle

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



4280700121



4290904188



4281231616



4278219835

Sweetspot

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



4280700121



4290760191



4280736178



4284047744



4278190080



4286611584

Same Dimension

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



4280700121



4278401279



4284032729



4284704110



4278199725



4278192686

Inverse Universe

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



4292421196



4294902584



4289124646



4285424485



4289527845



4281204746

Previews

White Background



This preview shows how the Android color 4280700121 looks on a white background.

Color Contrast Check

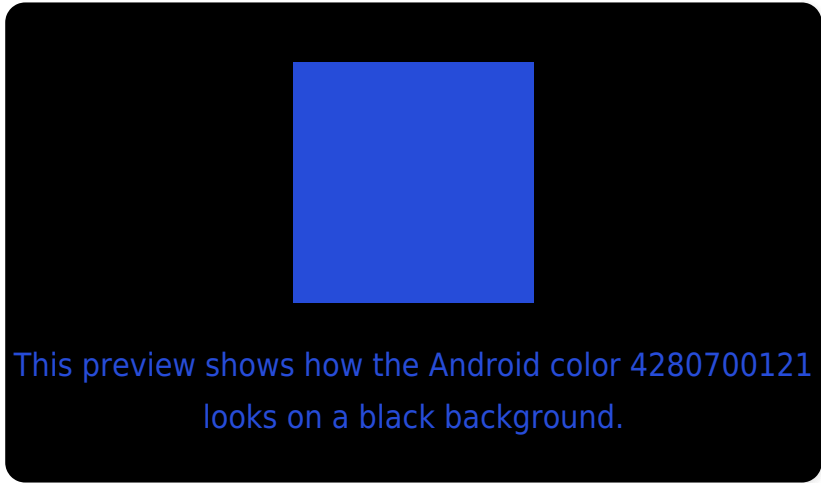
Large Text (above 18pt) WCAG AA ✓ Pass

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

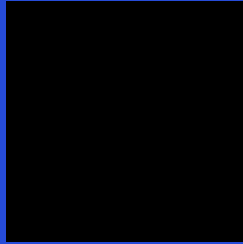
Any Text WCAG AA × Fail

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 4280700121 Background



This preview shows how black text looks on a background with the Android color 4280700121.



This preview shows how white text looks on a background with the Android color 4280700121.

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

4280700121

Protanopia

4278212793

Deuteranopia

4278214046

Trichromacy



Original Color

4280700121

Protanomaly

4279129285

Deuteranomaly

4279130035

Tritanomaly

4279131283

Monochromacy



Original Color

4280700121

Achromatopsia

4283519313

Achromatomaly

4282470274

CSS Examples

Text

The CSS property to change the color of the text to Android 4280700121 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(38, 76, 217)` looks like.

```
.text, #text, p{  
    color:rgb(38, 76, 217)  
}
```

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(38, 76, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 76, 217) }
```

Border

The CSS property to change the border of an element to Android 4280700121 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(38, 76, 217) }
```

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

```
.border{ border-color:rgb(38, 76, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 76, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 76, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 76, 217);  
box-shadow:4px 4px 4px 4px rgb(38, 76,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4280700121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 76, 217) }
```

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

```
.background{ background-color: rgb(38, 76,  
217) }
```

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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