

Converting Colors

Android(4280224921)

Have a look what the booklet for
Android(4280224921) contains.

Android(4280224921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280224921)

Conversions

Conversions Part 1

Format	Color
Hex	1F0C99
RGB	31, 12, 153
RGB Percent	12%, 5%, 60%
CMY	0.8784, 0.9529, 0.4000
CMYK	0.80, 0.92, 0.00, 0.40
HSL	248°, 85%, 32%
HSV	248°, 92%, 60%
XYZ	6.4463, 2.8542, 30.3481
YIQ	33.7550, -33.9370, 47.8790

Conversions

Conversions Part 2

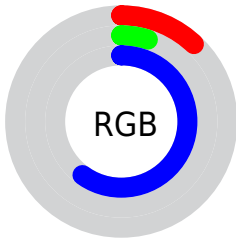
Format	Color
RYB	31, 12, 153
Decimal	2034841
CIELab	19.45, 51.10, -69.52
CIELCh	19, 86.284, 306.318
Yxy	2.8542, 0.1626, 0.0720
Android (android.graphics.Color)	4280224921 (0xFF1F0C99)
YUV	33.7550, 58.7878, -2.4161
Hunter-Lab	16.8943, 38.5450, -94.6801

Details

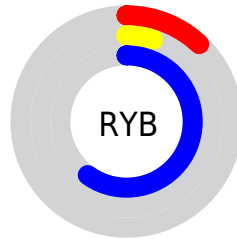
The Android color **4280224921** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4287011084**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4284760017**, and **4278190180** is the 20% darker color. If you saturate the color by 10%, you get **4279566489**, and if you desaturate by 10%, it is **4281080729**.

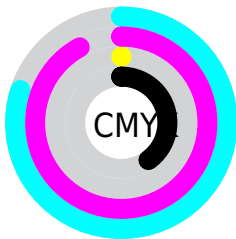
Distribution



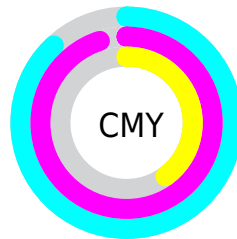
- Red (12%)
- Green (5%)
- Blue (60%)



- Red (12%)
- Yellow (5%)
- Blue (60%)



- Cyan (80%)
- Magenta (92%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280224921 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 4280224921 by changing the saturation by 10% instead.

 4280224921

 4280224921

 4294966527

 4278190206

 4284760017

 4278190180

 4286732526

 4278191435

 4288705279

 4278191156

 4290612479

 4278190621

 4292585471

 4278190080

 4294624255

 4294959103

 4280224921

 4280224921

■ 4279566489

■ 4281080729

■ 4281936793

■ 4282858137

■ 4283713945

■ 4284569753

■ 4285425817

■ 4286347161

■ 4287202969

■ 4288059033

Harmonies

Analogous

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



4278204595



4280224921



4286382179

Triad

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



4280224921



4284551168



4278207292

Complementary

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



4280224921



4287011084

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.



4278206720



4280224921



4281283072

Square

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



4280224921



4286775296



4278205440



4278207611

Rectangle

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



4280224921



4287496250



4278205440



4278207013

Sweetspot

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



4280224921



4288122823



4279010969



4282794595



4293125091



4284703587

Same Dimension

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



4280224921



4279959751



4284812441



4282795341



4279435404



4278321165

Inverse Universe

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



4288220294



4291231916



4282423564



4283254091



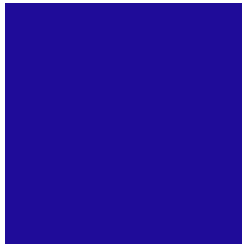
4287365241



4279042059

Previews

White Background



This preview shows how the Android color 4280224921 looks on a white background.

Color Contrast Check

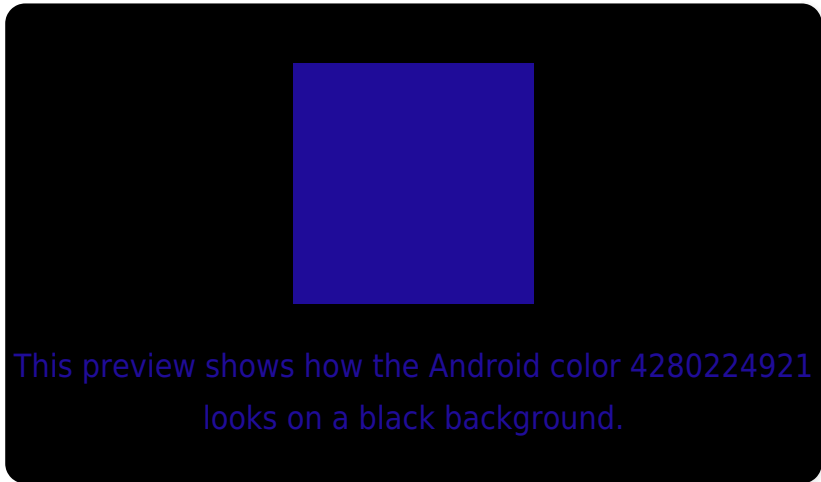
Large Text (above 18pt) WCAG AA ✓ Pass

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

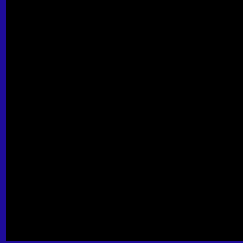
Any Text WCAG AA × Fail

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 4280224921 Background



This preview shows how black text looks on a background with the Android color 4280224921.



This preview shows how white text looks on a background with the Android color 4280224921.

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

4280224921

Protanopia

4278202211

Deuteranopia

4278202964

Trichromacy



Original Color
4280224921

Protanomaly
4278919799

Deuteranomaly
4278920301

Tritanomaly
4278921052

Monochromacy



Original Color
4280224921

Achromatopsia
4280427042

Achromatomaly
4280359501

CSS Examples

Text

The CSS property to change the color of the text to Android 4280224921 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(31, 12, 153)` looks like.

```
.text, #text, p{  
    color:rgb(31, 12, 153)  
}
```

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(31, 12, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 12, 153) }
```

Border

The CSS property to change the border of an element to Android 4280224921 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(31, 12, 153) }
```

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

```
.border{ border-color:rgb(31, 12, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 12, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 12, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 12, 153);  
box-shadow:4px 4px 4px 4px rgb(31, 12,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4280224921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 12, 153) }
```

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

```
.background{ background-color: rgb(31, 12,  
153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor