

Converting Colors

Android(4280424821)

Have a look what the booklet for
Android(4280424821) contains.

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Color

Android(4280424821)

Conversions

Conversions Part 1

Format	Color
Hex	221975
RGB	34, 25, 117
RGB Percent	13%, 10%, 46%
CMY	0.8667, 0.9020, 0.5412
CMYK	0.71, 0.79, 0.00, 0.54
HSL	246°, 65%, 28%
HSV	246°, 79%, 46%
XYZ	4.2182, 2.3197, 17.0550
YIQ	38.1790, -24.1680, 30.5200

Conversions

Conversions Part 2

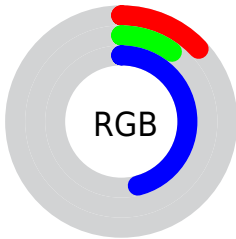
Format	Color
R_{YB}	34, 25, 117
Decimal	2234741
CIE Lab	17.08, 34.43, -50.77
CIE LCh	17, 61.342, 304.140
Yxy	2.3197, 0.1788, 0.0983
Android (android.graphics.Color)	4280424821 (0xFF221975)
YUV	38.1790, 38.8588, -3.6650
Hunter-Lab	15.2306, 22.7833, -55.7311

Details

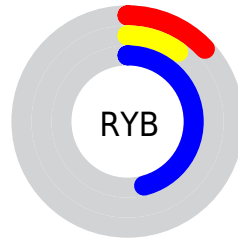
The Android color **4280424821** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4285297945**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4284237482**, and **4278190148** is the 20% darker color. If you saturate the color by 10%, you get **4279700853**, and if you desaturate by 10%, it is **4281148789**.

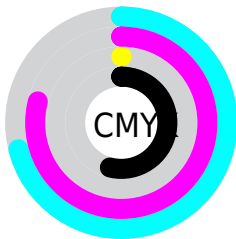
Distribution



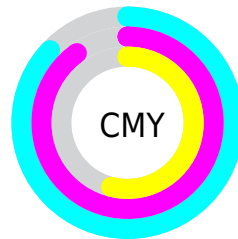
- Red (13%)
- Green (10%)
- Blue (46%)



- Red (13%)
- Yellow (10%)
- Blue (46%)



- Cyan (71%)
- Magenta (79%)
- Yellow (0%)
- Black (54%)



- Cyan (87%)
- Magenta (90%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280424821 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 4280424821 by changing the saturation by 10% instead.

■ 4280424821

■ 4280424821

4294967295

■ 4278191196

■ 4284237482

■ 4278190148

■ 4286013126

■ 4278190892

■ 4287854562

■ 4278190359

■ 4289696255

■ 4278190080

■ 4291603711

■ 4293511423

■ 4294960383

■ 4280424821

■ 4280424821

■ 4279700853

■ 4281148789

■ 4279042677

■ 4281806965

■ 4278911093

■ 4282530933

■ 4283189365

■ 4283913077

■ 4284571509

■ 4285295477

■ 4285953909

■ 4286677621

Harmonies

Analogous

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



4278202501



4280424821



4284416081

Triad

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



4280424821



4283569408



4278204975

Complementary

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



4280424821



4285297945

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.



4278204416



4280424821



4281346816

Square

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



4280424821



4285071360



4278203392



4278205019

Rectangle

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



4280424821



4285399093



4278203392



4278204704

Sweetspot

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



4280424821



4286084249



4279856501



4281873997



4291611852



4283256141

Same Dimension

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



4280424821



4279699865



4283373941



4281677115



4278976634



4279763194

Inverse Universe

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



4285864300



4288219531



4282348825



4282070330



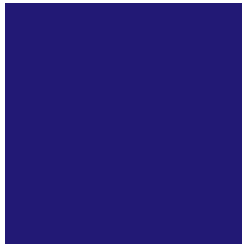
4286185582



4294574305

Previews

White Background



This preview shows how the Android color 4280424821 looks on a white background.

Color Contrast Check

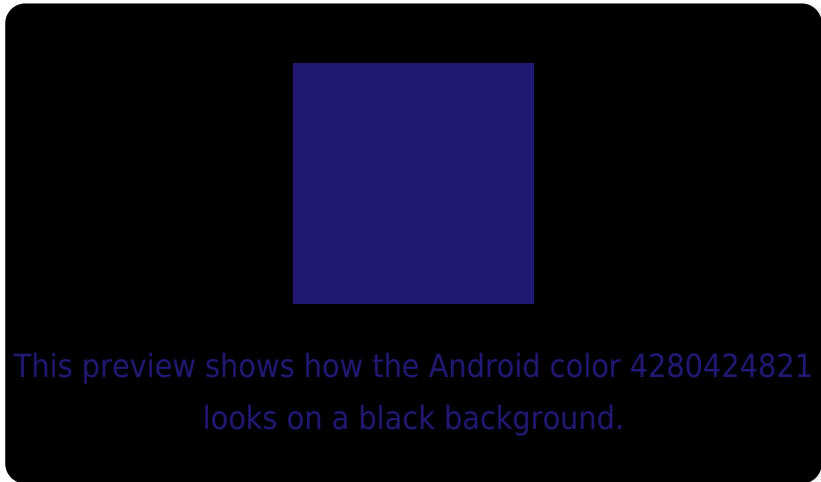
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280424821 Background



This preview shows how black text looks on a background with the Android color 4280424821.



This preview shows how white text looks on a background with the Android color 4280424821.

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

4280424821

Protanopia

4278200919

Deuteranopia

4278201418

Trichromacy



Original Color
4280424821

Protanomaly
4278985826

Deuteranomaly
4278986074

Tritanomaly
4278986827

Monochromacy



Original Color
4280424821

Achromatopsia
4280690214

Achromatomaly
4280623427

CSS Examples

Text

The CSS property to change the color of the text to Android 4280424821 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, 25, 117)` looks like.

```
.text, #text, p{  
    color:rgb(34, 25, 117)  
}
```

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, 25, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 25, 117) }
```

Border

The CSS property to change the border of an element to Android 4280424821 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, 25, 117) }
```

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

```
.border{ border-color:rgb(34, 25, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 25, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 25, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 25, 117);  
box-shadow:4px 4px 4px 4px rgb(34, 25,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4280424821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 25, 117) }
```

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

```
.background{ background-color: rgb(34, 25,  
117) }
```

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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