

Converting Colors

Android(4280421936)

Have a look what the booklet for
Android(4280421936) contains.

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Color

Android(4280421936)

Conversions

Conversions Part 1

Format	Color
Hex	220E30
RGB	34, 14, 48
RGB Percent	13%, 5%, 19%
CMY	0.8667, 0.9451, 0.8118
CMYK	0.29, 0.71, 0.00, 0.81
HSL	275°, 55%, 12%
HSV	275°, 71%, 19%
XYZ	1.3502, 0.8676, 2.8926
YIQ	23.8560, 1.0060, 14.8140

Conversions

Conversions Part 2

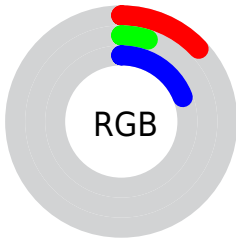
Format	Color
R_{YB}	34, 14, 48
Decimal	2231856
CIE Lab	7.84, 18.35, -18.58
CIE LCh	8, 26.114, 314.646
Yxy	0.8676, 0.2642, 0.1698
Android (android.graphics.Color)	4280421936 (0xFF220E30)
YUV	23.8560, 11.9030, 8.8963
Hunter-Lab	9.3143, 9.5759, -11.8928

Details

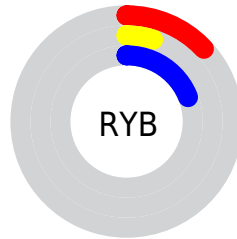
The Android color **4280421936** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4280037390**, and the grayscale version is **4279769112**.

A 20% lighter version of the original color is **4283447646**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280289584**, and if you desaturate by 10%, it is **4280554288**.

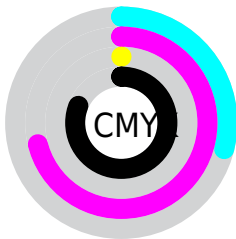
Distribution



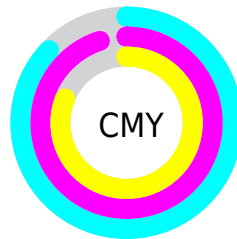
- Red (13%)
- Green (5%)
- Blue (19%)



- Red (13%)
- Yellow (5%)
- Blue (19%)



- Cyan (29%)
- Magenta (71%)
- Yellow (0%)
- Black (81%)



- Cyan (87%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280421936 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 4280421936 by changing the saturation by 10% instead.

 4280421936

 4280421936

 4294962943

 4278583323

 4283447646

 4278190080

 4285026423

 4286736529

 4288446892

 4290223047

 4292064995

 4293907199

 4280421936

 4280421936

■ 4280289584

■ 4280554288

■ 4280157232

■ 4280686640

■ 4280025136

■ 4280818736

■ 4280951088

■ 4281083440

■ 4281215792

■ 4281348144

■ 4281480240

■ 4281612592

Harmonies

Analogous

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



4278195769



4280421936



4281402657

Triad

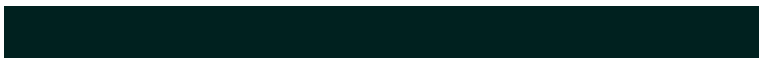
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280421936



4280685312



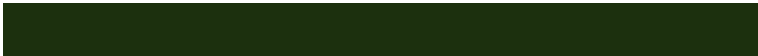
4278198559

Complementary

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



4280421936



4280037390

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.



4278198283



4280421936



4279638272

Square

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



4280421936



4281403904



4278197504



4278198063

Rectangle

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



4280421936



4281664277



4278197504



4278198553

Sweetspot

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



4280421936



4281872445



4279114800



4279965471



4288585374



4280229663

Same Dimension

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



4280421936



4280813885



4281339437



4279637271



4281532503



4286447830

Inverse Universe

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



4281339420



4282190111



4279119889



4279702806



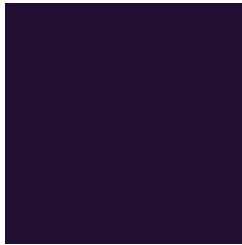
4283891748



4292214872

Previews

White Background



This preview shows how the Android color 4280421936 looks on a white background.

Color Contrast Check

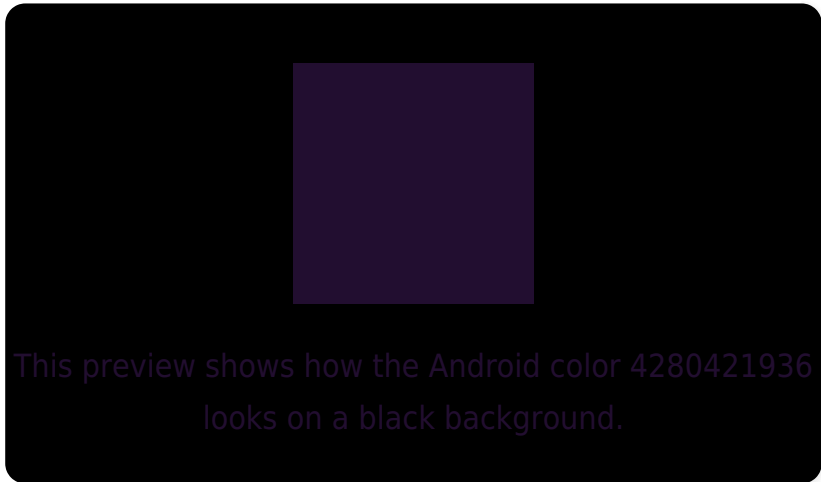
Large Text (above 18pt) WCAG AA ✓ Pass

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

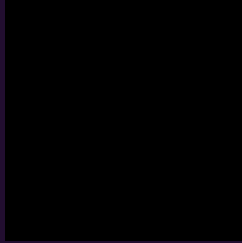
Any Text WCAG AA × Fail

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 4280421936 Background



This preview shows how black text looks on a background with the Android color 4280421936.



This preview shows how white text looks on a background with the Android color 4280421936.

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
4280421936

Protanopia
4278196018

Deuteranopia
4278196523



Tritanopia
4280161816

Trichromacy



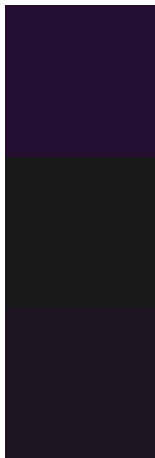
Original Color
4280421936

Protanomaly
4278981681

Deuteranomaly
4278981933

Tritanomaly
4280226593

Monochromacy



Original Color
4280421936

Achromatopsia
4279769112

Achromatomaly
4280030241

CSS Examples

Text

The CSS property to change the color of the text to Android 4280421936 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, 14, 48)` looks like.

```
.text, #text, p{  
    color:rgb(34, 14, 48)  
}
```

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, 14, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 14, 48) }
```

Border

The CSS property to change the border of an element to Android 4280421936 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, 14, 48) }
```

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

```
.border{ border-color:rgb(34, 14, 48) }
```

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

Here you see how a box with a 4 pixel rgb(34, 14, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 14, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 14, 48);  
box-shadow:4px 4px 4px 4px rgb(34, 14, 48)  
}
```

Background

The CSS property to change the background color of an element to Android 4280421936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 14, 48) }
```

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

```
.background{ background-color: rgb(34, 14,  
48) }
```

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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