

Converting Colors

Android(4280221803)

Have a look what the booklet for
Android(4280221803) contains.

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Color

Android(4280221803)

Conversions

Conversions Part 1

Format	Color
Hex	1F006B
RGB	31, 0, 107
RGB Percent	12%, 0%, 42%
CMY	0.8784, 1.0000, 0.5804
CMYK	0.71, 1.00, 0.00, 0.58
HSL	257°, 100%, 21%
HSV	257°, 100%, 42%
XYZ	3.2189, 1.3528, 14.0014
YIQ	21.4670, -15.8710, 39.8490

Conversions

Conversions Part 2

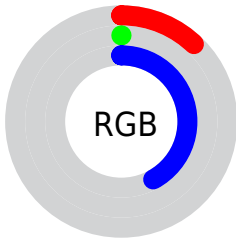
Format	Color
R_{YB}	31, 0, 107
Decimal	2031723
CIE _{Lab}	11.64, 42.63, -53.29
CIE _{LCh}	12, 68.246, 308.657
Yxy	1.3528, 0.1733, 0.0728
Android (android.graphics.Color)	4280221803 (0xFF1F006B)
YUV	21.4670, 42.1678, 8.3604
Hunter-Lab	11.6312, 29.0451, -63.2303




Details

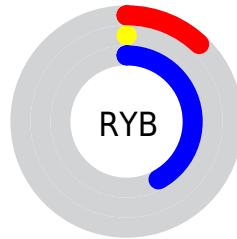
The Android color **4280221803** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4283198208**, and the grayscale version is **4279571733**.




A 20% lighter version of the original color is **4284035744**, and **4278190138** is the 20% darker color. If you saturate the color by 10%, you get **4280221803**, and if you desaturate by 10%, it is **4280748907**.

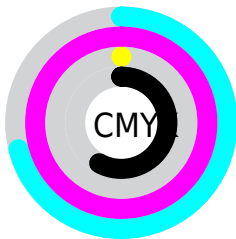
Distribution







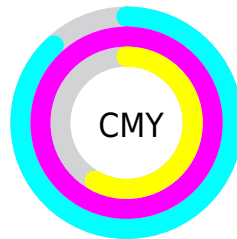
-  Red (12%)
-  Green (0%)
-  Blue (42%)






-  Red (12%)
-  Yellow (0%)
-  Blue (42%)



-  Cyan (71%)
-  Magenta (100%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (88%)
-  Magenta (100%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280221803 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 4280221803 by changing the saturation by 10% instead.

 4280221803

 4280221803

 4294962175

 4278190162

 4284035744

 4278190138

 4285876923

 4278190627

 4287718359

 4278190091

 4289560052

 4278190080

 4291467263

 4293374719

 4294954751

 4280221803

■ 4280748907

■ 4281210219

■ 4281737323

■ 4282198891

■ 4282725995

■ 4283252843

■ 4283714411

■ 4284241515

■ 4284702827

Harmonies

Analogous

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



4278199424



4280221803



4284153922

Triad

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



4280221803



4282452736



4278201644

Complementary

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



4280221803



4283198208

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.



4278201344



4280221803



4279968256

Square

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



4280221803



4284153856



4278200832



4278202458

Rectangle

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



4280221803



4284874787



4278200832



4278201628

Sweetspot

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



4280221803



4285424268



4278209899



4281675335



4291282887



4282861383

Same Dimension

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



4280221803



4280877196



4283695211



4281479222



4280418421



4282843381

Inverse Universe

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



4285202508



4287365220



4279724800



4281741364



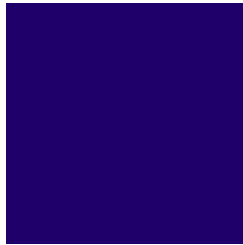
4285857875



4294246574

Previews

White Background



This preview shows how the Android color 4280221803 looks on a white background.

Color Contrast Check

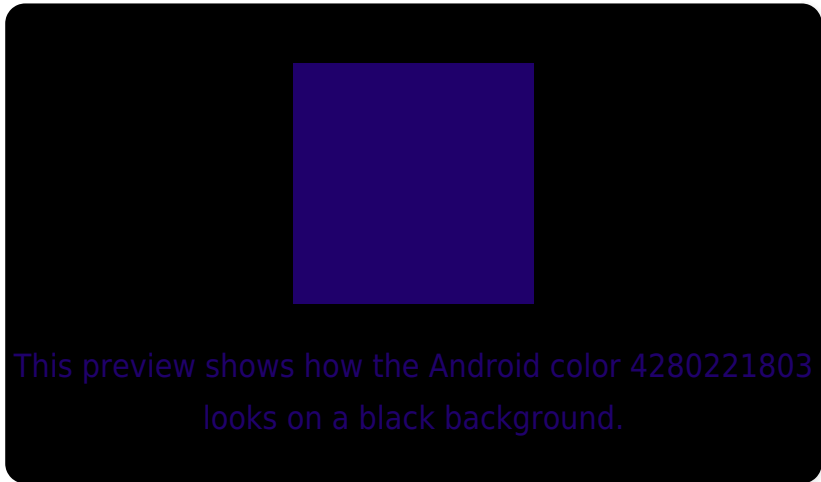
Large Text (above 18pt) WCAG AA ✓ Pass

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

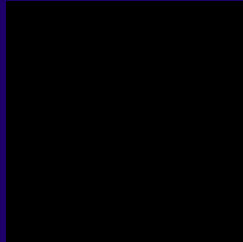
Any Text WCAG AA × Fail

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 4280221803 Background



This preview shows how black text looks on a background with the Android color 4280221803.



This preview shows how white text looks on a background with the Android color 4280221803.

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
4280221803

Protanopia
4278198855

Deuteranopia
4278199357

Trichromacy



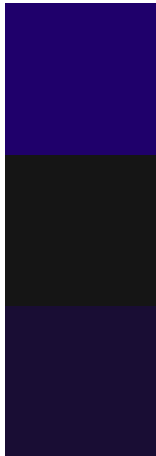
Original Color
4280221803

Protanomaly
4278916692

Deuteranomaly
4278916942

Tritanomaly
4278917441

Monochromacy



Original Color
4280221803

Achromatopsia
4279571733

Achromatomaly
4279831860

CSS Examples

Text

The CSS property to change the color of the text to Android 4280221803 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, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(31, 0, 107)  
}
```

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, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 0, 107) }
```

Border

The CSS property to change the border of an element to Android 4280221803 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, 0, 107) }
```

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

```
.border{ border-color:rgb(31, 0, 107) }
```

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

Here you see how a box with a 4 pixel rgb(31, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(31, 0, 107)  
}
```

Background

The CSS property to change the background color of an element to Android 4280221803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 0, 107) }
```

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

```
.background{ background-color: rgb(31, 0,  
107) }
```

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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