

Converting Colors

Android(4280221798)

Have a look what the booklet for
Android(4280221798) contains.

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Color

Android(4280221798)

Conversions

Conversions Part 1

Format	Color
Hex	1F0066
RGB	31, 0, 102
RGB Percent	12%, 0%, 40%
CMY	0.8784, 1.0000, 0.6000
CMYK	0.70, 1.00, 0.00, 0.60
HSL	258°, 100%, 20%
HSV	258°, 100%, 40%
XYZ	2.9633, 1.2506, 12.6556
YIQ	20.8970, -14.2660, 38.2940

Conversions

Conversions Part 2

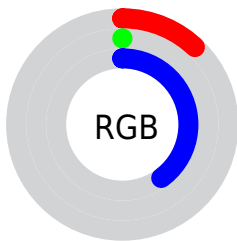
Format	Color
R_{YB}	31, 0, 102
Decimal	2031718
CIE _{Lab}	10.93, 41.31, -51.18
CIE _{LCh}	11, 65.772, 308.908
Yxy	1.2506, 0.1757, 0.0741
Android (android.graphics.Color)	4280221798 (0xFF1F0066)
YUV	20.8970, 39.9838, 8.8603
Hunter-Lab	11.1831, 27.7293, -59.2686

Details

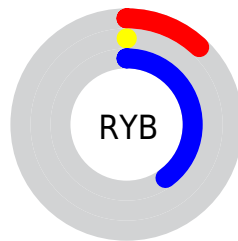
The Android color **4280221798** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4282869248**, and the grayscale version is **4279571733**.

A 20% lighter version of the original color is **4283969946**, and **4278190901** is the 20% darker color. If you saturate the color by 10%, you get **4280221798**, and if you desaturate by 10%, it is **4280683110**.

Distribution



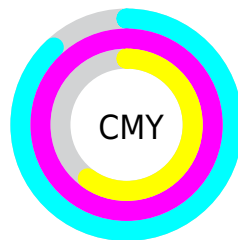
- Red (12%)
- Green (0%)
- Blue (40%)



- Red (12%)
- Yellow (0%)
- Blue (40%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (88%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280221798 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 4280221798 by changing the saturation by 10% instead.

 4280221798

 4280221798

 4294961663

 4278190157

 4283969946

 4278190901

 4285745589


 4278190623

 4287587025

 4278190083

 4289428718

 4278190080

 4291335935

 4293243391

 4294954495

 4280221798

■ 4280683110

■ 4281144422

■ 4281605990

■ 4282067302

■ 4282528614

■ 4283055462

■ 4283516774

■ 4283978342

■ 4284439654

Harmonies

Analogous

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



4278199163



4280221798



4283891775

Triad

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



4280221798



4282256128



4278201130

Complementary

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



4280221798



4282869248

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.



4278200832



4280221798



4279836672

Square

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



4280221798



4283891712



4278200576



4278201943

Rectangle

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



4280221798



4284612641



4278200576



4278201115

Sweetspot

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



4280221798



4285095301



4278208358



4281477698



4290953922



4282532418

Same Dimension

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



4280221798



4280811653



4283564134



4281282099



4280483955



4283039986

Inverse Universe

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



4284874823



4286906460



4279526912



4281544241



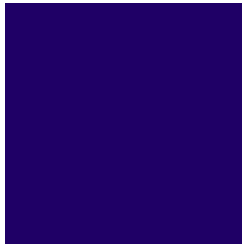
4285726800



4294049961

Previews

White Background



This preview shows how the Android color 4280221798 looks on a white background.

Color Contrast Check

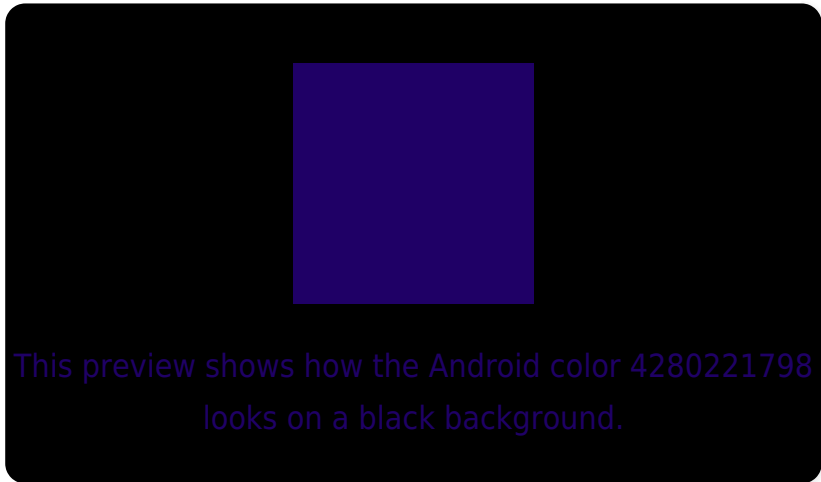
Large Text (above 18pt) WCAG AA ✓ Pass

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

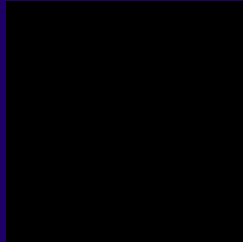
Any Text WCAG AA × Fail

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 4280221798 Background



This preview shows how black text looks on a background with the Android color 4280221798.



This preview shows how white text looks on a background with the Android color 4280221798.

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


4280221798

Protanopia

4278198597

Deuteranopia

4278199098



Tritanopia
4278199848

Trichromacy



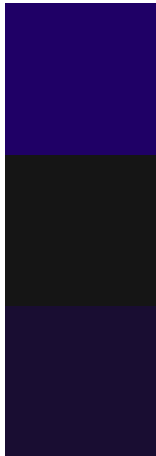
Original Color
4280221798

Protanomaly
4278916433

Deuteranomaly
4278916682

Tritanomaly
4278917183

Monochromacy



Original Color
4280221798

Achromatopsia
4279571733

Achromatomaly
4279831858

CSS Examples

Text

The CSS property to change the color of the text to Android 4280221798 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(31, 0, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 0, 102) }
```

Border

The CSS property to change the border of an element to Android 4280221798 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, 102) }
```

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

```
.border{ border-color:rgb(31, 0, 102) }
```

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, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(31, 0, 102)  
}
```

Background

The CSS property to change the background color of an element to Android 4280221798 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, 102) }
```

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

```
.background{ background-color: rgb(31, 0,  
102) }
```

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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