

Converting Colors

Android(4281627801)

Have a look what the booklet for
Android(4281627801) contains.

Android(4281627801)	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(4281627801)

Conversions

Conversions Part 1

Format	Color
Hex	347499
RGB	52, 116, 153
RGB Percent	20%, 45%, 60%
CMY	0.7961, 0.5451, 0.4000
CMYK	0.66, 0.24, 0.00, 0.40
HSL	202°, 49%, 40%
HSV	202°, 66%, 60%
XYZ	13.4113, 15.5208, 32.4259
YIQ	101.0820, -50.0210, -2.0610

Conversions

Conversions Part 2

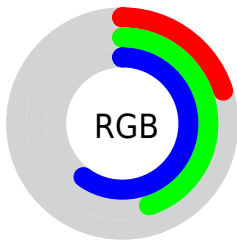
Format	Color
RYB	52, 91, 153
Decimal	3437721
CIELab	46.34, -8.40, -26.08
CIELCh	46, 27.397, 252.146
Yxy	15.5208, 0.2186, 0.2530
Android (android.graphics.Color)	4281627801 (0xFF347499)
YUV	101.0820, 25.5956, -43.0449
Hunter-Lab	39.3964, -8.1786, -21.2223

Details

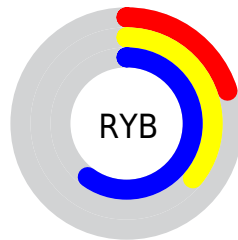
The Android color `4281627801` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288239924`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4285376719`, and `4278207590` is the 20% darker color. If you saturate the color by 10%, you get `4280643225`, and if you desaturate by 10%, it is `4282612377`.

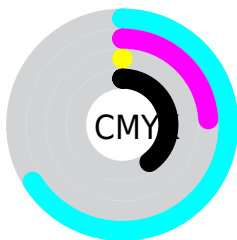
Distribution



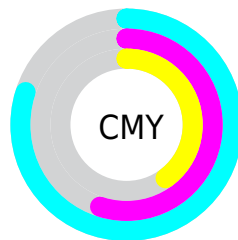
- Red (20%)
- Green (45%)
- Blue (60%)



- Red (20%)
- Yellow (36%)
- Blue (60%)



- Cyan (66%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281627801 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 4281627801 by changing the saturation by 10% instead.



4281627801



4281627801

4294967295



4279131007



4285376719



4278207590



4287218668



4278201934



4289060863



4278196791



4290968831



4278190625



4292870143



4278190086



4294770687



4278190080



4281627801



4281627801



4280643225



4282612377

■ 4279593369

■ 4283662233

■ 4278608793

■ 4284646809

■ 4278215065

■ 4285631129

■ 4286681241

■ 4287665817

■ 4288650137

■ 4289634713

■ 4290684569

Harmonies

Analogous

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



4279007372



4281627801



4284247450

Triad

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



4281627801



4288371813



4284118347

Complementary

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



4281627801



4288239924

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.



4285820736



4281627801



4288110672

Square

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



4281627801



4287782524



4287195202



4282218847

Rectangle

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



4281627801



4285753237



4287195202



4284707910

Sweetspot

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



4281627801



4288657607



4281637207



4283194211



4293125091



4284703587

Same Dimension

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



4281627801



4280978887



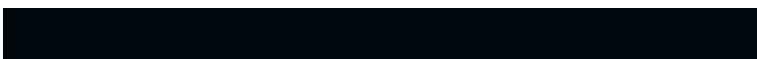
4281615257



4282731085



4278213004



4278192141

Inverse Universe

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



4288230516



4291242637



4288252468



4283254090



4287365209



4279042056

Previews

White Background



This preview shows how the Android color 4281627801 looks on a white background.

Color Contrast Check

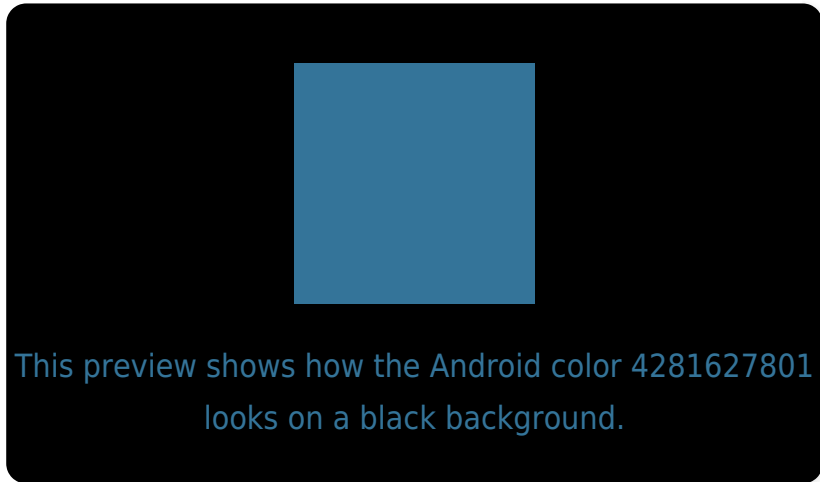
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4281627801 Background



This preview shows how black text looks on a background with the Android color 4281627801.



This preview shows how white text looks on a background with the Android color 4281627801.

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



Trichromacy



Original Color
4281627801

Protanomaly
4283527061

Deuteranomaly
4283330458

Tritanomaly
4281104266

Monochromacy



Original Color
4281627801

Achromatopsia
4284835173

Achromatomaly
4283656824

CSS Examples

Text

The CSS property to change the color of the text to Android 4281627801 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(52, 116, 153)` looks like.

```
.text, #text, p{  
    color:rgb(52, 116, 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(52, 116, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 116, 153) }
```

Border

The CSS property to change the border of an element to Android 4281627801 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(52, 116, 153) }
```

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

```
.border{ border-color:rgb(52, 116, 153) }
```

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

Here you see how a box with a 4 pixel rgb(52, 116, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 116, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 116, 153);  
box-shadow:4px 4px 4px 4px rgb(52, 116,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4281627801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 116, 153) }
```

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

```
.background{ background-color: rgb(52, 116,  
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