

Converting Colors

Android(4282936231)

Have a look what the booklet for
Android(4282936231) contains.

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Color

Android(4282936231)

Conversions

Conversions Part 1

Format	Color
Hex	486BA7
RGB	72, 107, 167
RGB Percent	28%, 42%, 65%
CMY	0.7176, 0.5804, 0.3451
CMYK	0.57, 0.36, 0.00, 0.35
HSL	218°, 40%, 47%
HSV	218°, 57%, 65%
XYZ	14.9052, 14.6831, 38.6078
YIQ	103.3750, -40.1200, 11.2400

Conversions

Conversions Part 2

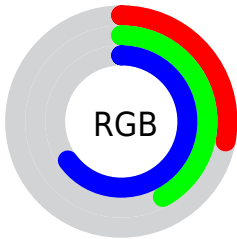
Format	Color
R_{YB}	72, 98, 167
Decimal	4746151
CIE Lab	45.20, 5.85, -36.05
CIE LCh	45, 36.518, 279.219
Yxy	14.6831, 0.2186, 0.2153
Android (android.graphics.Color)	4282936231 (0xFF486BA7)
YUV	103.3750, 31.3671, -27.5159
Hunter-Lab	38.3186, 2.3758, -32.9145

Details

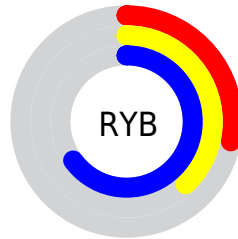
The Android color `4282936231` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289168456`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4286553822`, and `4278205555` is the 20% darker color. If you saturate the color by 10%, you get `4281819303`, and if you desaturate by 10%, it is `4284053159`.

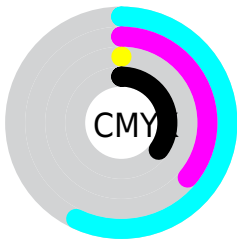
Distribution



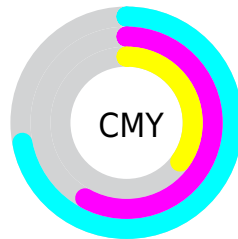
- Red (28%)
- Green (42%)
- Blue (65%)



- Red (28%)
- Yellow (38%)
- Blue (65%)



- Cyan (57%)
- Magenta (36%)
- Yellow (0%)
- Black (35%)



- Cyan (72%)
- Magenta (58%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282936231 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 4282936231 by changing the saturation by 10% instead.

■ 4282936231

■ 4282936231

4294967295

■ 4281029516

■ 4286553822

■ 4278205555

■ 4288395771

■ 4278200154

■ 4290237695

■ 4278194754

■ 4292145663

■ 4278190891

■ 4294049791

■ 4278190358

■ 4278190080

■ 4282936231

■ 4282936231

■ 4281819303

■ 4284053159

■ 4280768167

■ 4285104295

■ 4279651239

■ 4286221223

■ 4278534567

■ 4287337895

■ 4278206119

■ 4288389287

■ 4289505959

■ 4290622887

■ 4291739559

■ 4292790951

Harmonies

Analogous

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



4278219939



4282936231



4286209946

Triad

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



4282936231



4288698182



4280645972

Complementary

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



4282936231



4289168456

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.



4283659322



4282936231



4287521330

Square

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



4282936231



4288958819



4285819948



4278221428

Rectangle

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



4282936231



4287649931



4285819948



4281890891

Sweetspot

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



4282936231



4290036185



4282951555



4283981934



4293783021



4285427310

Same Dimension

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



4282936231



4282744025



4283648167



4283191124



4278204052



4278192148

Inverse Universe

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



4289153131



4292429180



4288456520



4283714639



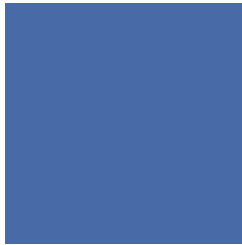
4287889462



4279500808

Previews

White Background



This preview shows how the Android color 4282936231 looks on a white background.

Color Contrast Check

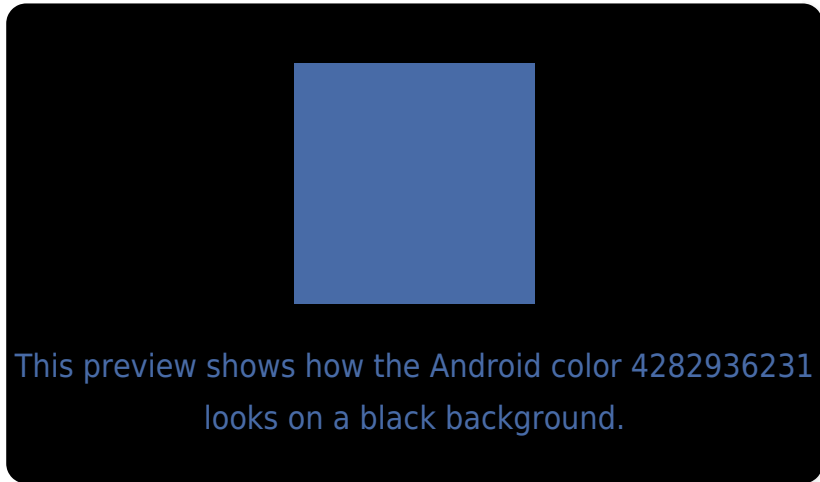
Large Text (above 18pt) WCAG AA ✓ Pass

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

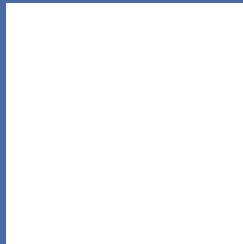
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282936231 Background



This preview shows how black text looks on a background with the Android color 4282936231.



This preview shows how white text looks on a background with the Android color 4282936231.

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

4282936231

Protanopia

4283787685

Deuteranopia

4283067303

Trichromacy



Original Color
4282936231

Protanomaly
4283460262

Deuteranomaly
4283001767

Tritanomaly
4282216844

Monochromacy



Original Color
4282936231

Achromatopsia
4284966759

Achromatomaly
4284246142

CSS Examples

Text

The CSS property to change the color of the text to Android 4282936231 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(72, 107, 167)` looks like.

```
.text, #text, p{  
    color:rgb(72, 107, 167)  
}
```

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(72, 107, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 107, 167) }
```

Border

The CSS property to change the border of an element to Android 4282936231 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(72, 107, 167) }
```

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

```
.border{ border-color:rgb(72, 107, 167) }
```

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

Here you see how a box with a 4 pixel rgb(72, 107, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 107, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 107, 167);  
box-shadow:4px 4px 4px 4px rgb(72, 107,  
167) }
```

Background

The CSS property to change the background color of an element to Android 4282936231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 107, 167) }
```

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

```
.background{ background-color: rgb(72, 107,  
167) }
```

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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