

Converting Colors

Android(4283331021)

Have a look what the booklet for
Android(4283331021) contains.

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Color

Android(4283331021)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 4E71CD |
| RGB | 78, 113, 205 |
| RGB Percent | 31%, 44%, 80% |
| CMY | 0.6941, 0.5569, 0.1961 |
| CMYK | 0.62, 0.45, 0.00, 0.20 |
| HSL | 223°, 56%, 55% |
| HSV | 223°, 62%, 80% |
| XYZ | 20.0665, 17.8377, 60.1430 |
| YIQ | 113.0230, -50.3920, 21.1920 |

Conversions

Conversions Part 2

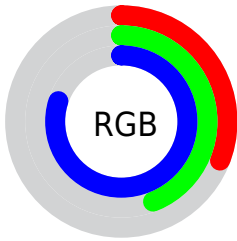
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 78, 105, 205 |
| Decimal | 5140941 |
| CIE _{Lab} | 49.30, 16.26, -51.51 |
| CIE _{LCh} | 49, 54.021, 287.522 |
| Yxy | 17.8377, 0.2047, 0.1819 |
| Android (android.graphics.Color) | 4283331021 (0xFF4E71CD) |
| YUV | 113.0230, 45.3447, -30.7152 |
| Hunter-Lab | 42.2347, 10.8976, -54.8657 |

Details

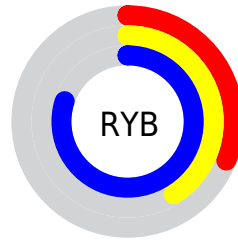
The Android color `4283331021` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291668558`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4287210751`, and `4278207126` is the 20% darker color. If you saturate the color by 10%, you get `4282016461`, and if you desaturate by 10%, it is `4284711117`.

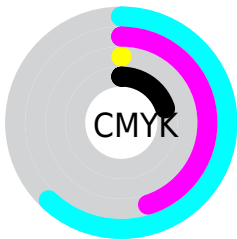
Distribution



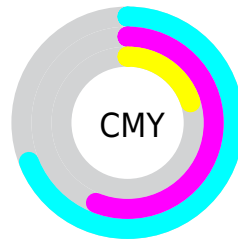
- Red (31%)
- Green (44%)
- Blue (80%)



- Red (31%)
- Yellow (41%)
- Blue (80%)



- Cyan (62%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283331021 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 4283331021 by changing the saturation by 10% instead.

■ 4283331021

■ 4283331021

4294967295

■ 4281096625

■ 4287210751

■ 4278207126

■ 4289183743

■ 4278201468

■ 4291091455

■ 4278196578

■ 4293064959

■ 4278190154

■ 4278191154

■ 4278190620

■ 4278190080

■ 4283331021

■ 4283331021

■ 4282016461

■ 4284711117

■ 4280636365

■ 4286025677

■ 4279256269

■ 4287340237

■ 4278204621

■ 4288720077

■ 4290100173

■ 4291414733

■ 4292794829

■ 4294109389

■ 4294965197

Harmonies

Analogous

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



4278223055



4283331021



4288241076

Triad

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



4283331021



4290402611



4278225504

Complementary

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



4283331021



4291668558

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.



4282090803



4283331021



4288441360

Square

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



4283331021



4291316316



4285758222



4278225807

Rectangle

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



4283331021



4290072729



4285758222



4278224976

Sweetspot

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



4283331021



4291812607



4283354537



4284639872



4278190080



4286611584

Same Dimension

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



4283331021



4282545919



4285157069



4284243814



4278202022



4278192934

Inverse Universe

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



4291645041



4294918774



4289842510



4284898399



4289069102



4280680459

Previews

White Background



This preview shows how the Android color 4283331021 looks on a white background.

Color Contrast Check

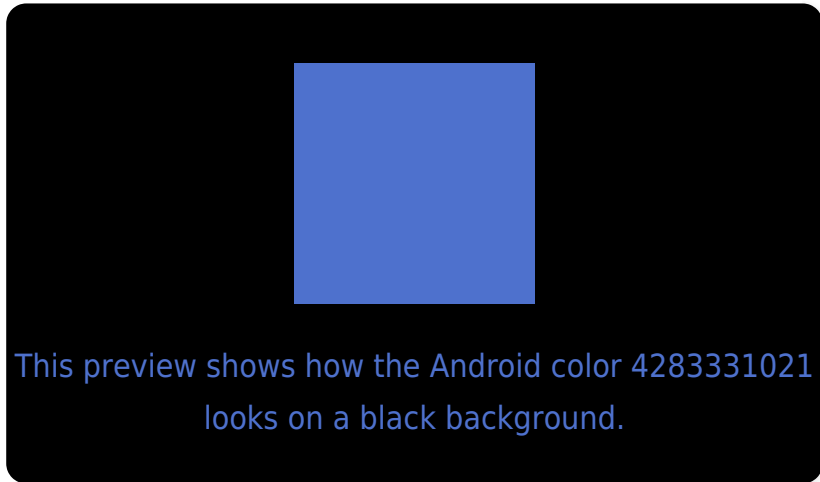
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4283331021 Background



This preview shows how black text looks on a background with the Android color 4283331021.



This preview shows how white text looks on a background with the Android color 4283331021.

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
4283331021

Protanopia
4283069134

Deuteranopia
4281104076

Trichromacy



Original Color
4283331021

Protanomaly
4283134670

Deuteranomaly
4281889996

Tritanomaly
4281891746

Monochromacy



Original Color
4283331021

Achromatopsia
4285624689

Achromatomaly
4284772754

CSS Examples

Text

The CSS property to change the color of the text to Android 4283331021 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(78, 113, 205)` looks like.

```
.text, #text, p{  
    color:rgb(78, 113, 205)  
}
```

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(78, 113, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 113, 205) }
```

Border

The CSS property to change the border of an element to Android 4283331021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

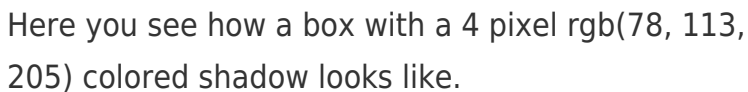
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 113, 205) }
```

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

```
.border{ border-color:rgb(78, 113, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(78, 113, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 113, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 113, 205);  
box-shadow:4px 4px 4px 4px rgb(78, 113,  
205) }
```

Background

The CSS property to change the background color of an element to Android 4283331021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 113, 205) }
```

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

```
.background{ background-color: rgb(78, 113,  
205) }
```

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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