

Converting Colors

Android(4282672001)

Have a look what the booklet for
Android(4282672001) contains.

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Color

Android(4282672001)

Conversions

Conversions Part 1

Format	Color
Hex	446381
RGB	68, 99, 129
RGB Percent	27%, 39%, 51%
CMY	0.7333, 0.6118, 0.4941
CMYK	0.47, 0.23, 0.00, 0.49
HSL	210°, 31%, 39%
HSV	210°, 47%, 51%
XYZ	10.8082, 11.7376, 22.4648
YIQ	93.1510, -28.1060, 2.7580

Conversions

Conversions Part 2

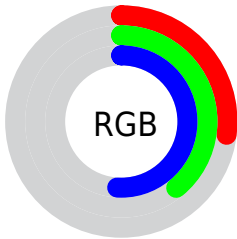
Format	Color
R_{YB}	68, 89, 129
Decimal	4481921
CIE _{Lab}	40.80, -2.57, -20.26
CIE _{LCh}	41, 20.419, 262.761
Yxy	11.7376, 0.2401, 0.2608
Android (android.graphics.Color)	4282672001 (0xFF446381)
YUV	93.1510, 17.6736, -22.0574
Hunter-Lab	34.2602, -3.6433, -14.8950

Details

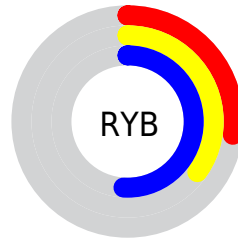
The Android color **4282672001** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4286669380**, and the grayscale version is **4284308829**.

A 20% lighter version of the original color is **4286027446**, and **4279186768** is the 20% darker color. If you saturate the color by 10%, you get **4281818497**, and if you desaturate by 10%, it is **4283525505**.

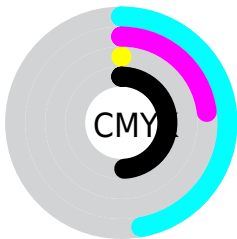
Distribution



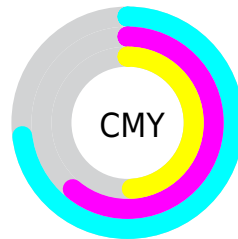
- Red (27%)
- Green (39%)
- Blue (51%)



- Red (27%)
- Yellow (35%)
- Blue (51%)



- Cyan (47%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)



- Cyan (73%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282672001 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 4282672001 by changing the saturation by 10% instead.



4282672001



4282672001

4294967295



4281027432



4286027446



4279186768



4287803602



4278198329



4289580270



4278191907



4291422463



4278190091



4293328895



4278190080



4282672001



4282672001



4281818497



4283525505



4280964737



4284379265

■ 4280111233

■ 4285232769

■ 4279257729

■ 4286086273

■ 4278469505

■ 4286940033

■ 4278207105

■ 4287728001

■ 4288581505

■ 4289435265

■ 4290288769

Harmonies

Analogous

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



4281296762



4282672001



4284308863

Triad

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



4282672001



4286731348



4283131723

Complementary

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



4282672001



4286669380

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.



4284441409



4282672001



4286339142

Square

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



4282672001



4286469221



4285554239



4281887067

Rectangle

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



4282672001



4285225337



4285554239



4283590215

Sweetspot

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



4282672001



4287733160



4282679649



4282797396



4292138196



4283716692

Same Dimension

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



4282672001



4282939816



4282664321



4281941312



4278206848



4278190080

Inverse Universe

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



4286661731



4289218681



4286677060



4282399037



4286578753



4278190080

Previews

White Background



This preview shows how the Android color 4282672001 looks on a white background.

Color Contrast Check

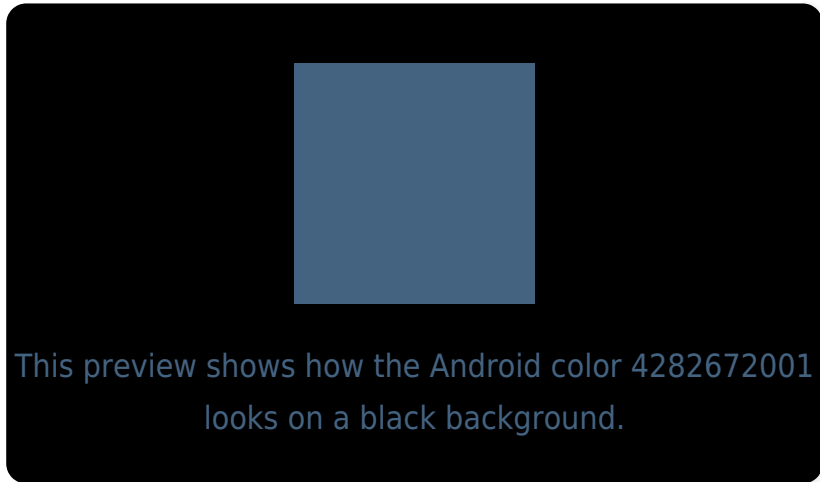
Large Text (above 18pt) WCAG AA ✓ Pass

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

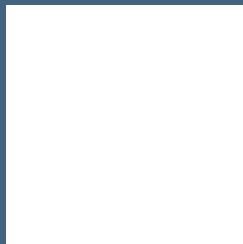
Any Text WCAG AAA × Fail

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

Android 4282672001 Background



This preview shows how black text looks on a background with the Android color 4282672001.

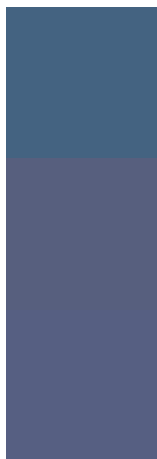


This preview shows how white text looks on a background with the Android color 4282672001.

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

4282672001

Protanopia

4283916158

Deuteranopia

4283850626

Trichromacy



Original Color

4282672001

Protanomaly

4283457663

Deuteranomaly

4283392130

Tritanomaly

4282410358

Monochromacy



Original Color

4282672001

Achromatopsia

4284308829

Achromatomaly

4283719530

CSS Examples

Text

The CSS property to change the color of the text to Android 4282672001 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(68, 99, 129)` looks like.

```
.text, #text, p{  
    color:rgb(68, 99, 129)  
}
```

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(68, 99, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 99, 129) }
```

Border

The CSS property to change the border of an element to Android 4282672001 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(68, 99, 129) }
```

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

```
.border{ border-color:rgb(68, 99, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 99, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 99, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 99, 129);  
box-shadow:4px 4px 4px 4px rgb(68, 99,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4282672001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 99, 129) }
```

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

```
.background{ background-color: rgb(68, 99,  
129) }
```

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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