

Converting Colors

Android(4282002721)

Have a look what the booklet for
Android(4282002721) contains.

Android(4282002721)	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(4282002721)

Conversions

Conversions Part 1

Format	Color
Hex	3A2D21
RGB	58, 45, 33
RGB Percent	23%, 18%, 13%
CMY	0.7725, 0.8235, 0.8706
CMYK	0.00, 0.22, 0.43, 0.77
HSL	29°, 27%, 18%
HSV	29°, 43%, 23%
XYZ	2.9578, 2.8861, 1.8400
YIQ	47.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

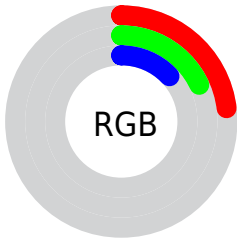
Format	Color
R_{YB}	58, 56, 33
Decimal	3812641
CIE Lab	19.58, 3.90, 10.02
CIE LCh	20, 10.757, 68.740
Yxy	2.8861, 0.3849, 0.3756
Android (android.graphics.Color)	4282002721 (0xFF3A2D21)
YUV	47.5190, -7.1579, 9.1918
Hunter-Lab	16.9886, 1.3480, 5.4703

Details

The Android color **4282002721** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280364602**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4285160269**, and **4278517760** is the 20% darker color. If you saturate the color by 10%, you get **4282001947**, and if you desaturate by 10%, it is **4282003495**.

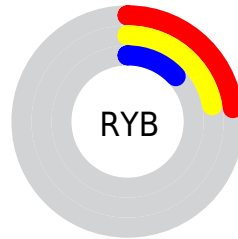
Distribution



Red (23%)

Green (18%)

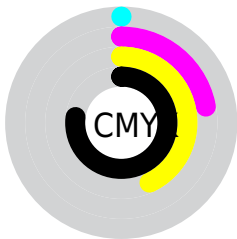
Blue (13%)



Red (23%)

Yellow (22%)

Blue (13%)

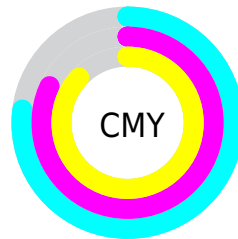


Cyan (0%)

Magenta (22%)

Yellow (43%)

Black (77%)



Cyan (77%)

Magenta (82%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282002721 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 4282002721 by changing the saturation by 10% instead.



4282002721



4282002721

4294967295



4280555531



4285160269



4278517760



4286804837



4278190080



4288580990



4290357144



4292133555



4294041294



4294966251



4282002721



4282002721

■ 4282001947

■ 4282003495

■ 4282001173

■ 4282004269

■ 4282000400

■ 4282005042

■ 4281999626

■ 4282005816

■ 4281998852

■ 4282006590

■ 4281998336

■ 4282007364

■ 4282008138

■ 4282008911

■ 4282009685

Harmonies

Analogous

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



4282264358



4282002721



4281544736

Triad

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



4282002721



4279907377



4281609532

Complementary

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



4282002721



4280364602

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.



4280889151



4282002721



4279776057

Square

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



4282002721



4280365865



4280169022



4282067509

Rectangle

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



4282002721



4281151778



4280169022



4281347645

Sweetspot

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



4282002721



4283254595



4281999662



4280689440



4289111718



4280690214

Same Dimension

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



4282002721



4283250725



4282005793



4280032025



4284230656



4292569344

Inverse Universe

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



4280364602



4280629581



4280361530



4279835420



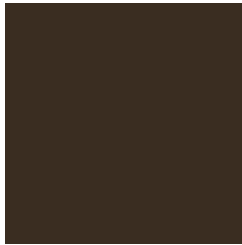
4278202460



4278219483

Previews

White Background



This preview shows how the Android color 4282002721 looks on a white background.

Color Contrast Check

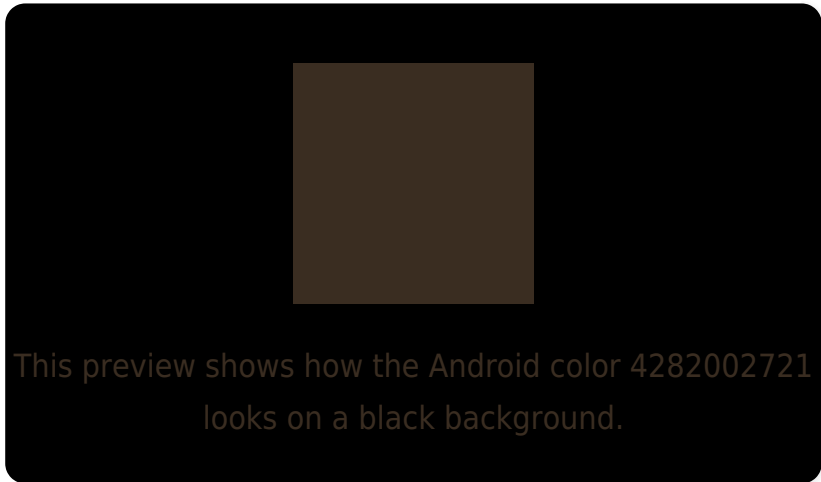
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282002721 Background



This preview shows how black text looks on a background with the Android color 4282002721.

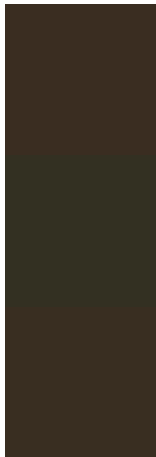


This preview shows how white text looks on a background with the Android color 4282002721.

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

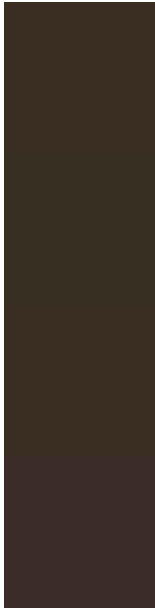


Original Color
4282002721

Protanopia
4281544738

Deuteranopia
4281937441

Trichromacy



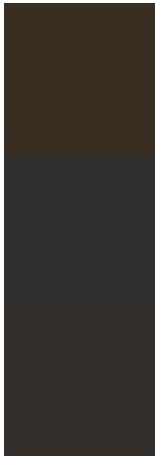
Original Color
4282002721

Protanomaly
4281741090

Deuteranomaly
4281937441

Tritanomaly
4282068010

Monochromacy



Original Color
4282002721

Achromatopsia
4281348144

Achromatomaly
4281610027

CSS Examples

Text

The CSS property to change the color of the text to Android 4282002721 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(58, 45, 33)` looks like.

```
.text, #text, p{  
    color:rgb(58, 45, 33)  
}
```

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(58, 45, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 45, 33) }
```

Border

The CSS property to change the border of an element to Android 4282002721 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(58, 45, 33) }
```

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

```
.border{ border-color:rgb(58, 45, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 45, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 45, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 45, 33);  
box-shadow:4px 4px 4px 4px rgb(58, 45, 33)  
}
```

Background

The CSS property to change the background color of an element to Android 4282002721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 45, 33) }
```

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

```
.background{ background-color: rgb(58, 45,  
33) }
```

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