

Converting Colors

Android(4281544422)

Have a look what the booklet for
Android(4281544422) contains.

Android(4281544422)	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(4281544422)

Conversions

Conversions Part 1

Format	Color
Hex	332EE6
RGB	51, 46, 230
RGB Percent	20%, 18%, 90%
CMY	0.8000, 0.8196, 0.0980
CMYK	0.78, 0.80, 0.00, 0.10
HSL	242°, 79%, 54%
HSV	242°, 80%, 90%
XYZ	16.6252, 8.3710, 75.6024
YIQ	68.4710, -56.0840, 58.2840

Conversions

Conversions Part 2

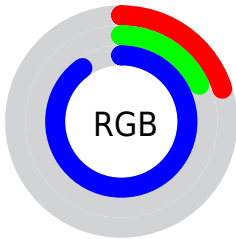
Format	Color
R _Y B	51, 46, 230
Decimal	3354342
CIE Lab	34.74, 60.90, -89.61
CIE LCh	35, 108.349, 304.201
Yxy	8.3710, 0.1653, 0.0832
Android (android.graphics.Color)	4281544422 (0xFF332EE6)
YUV	68.4710, 79.6338, -15.3221
Hunter-Lab	28.9326, 51.9369, -134.6750

Details

The Android color `4281544422` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4292994606`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4286603775`, and `4278190253` is the 20% darker color. If you saturate the color by 10%, you get `4280096742`, and if you desaturate by 10%, it is `4282992102`.

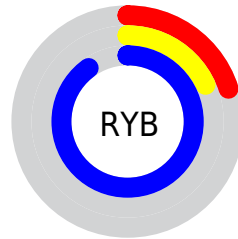
Distribution



 Red (20%)

 Green (18%)

 Blue (90%)




 Red (20%)

 Yellow (18%)

 Blue (90%)

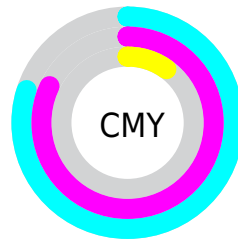


 Cyan (78%)

 Magenta (80%)

 Yellow (0%)

 Black (10%)



 Cyan (80%)


 Magenta (82%)

 Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281544422 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 4281544422 by changing the saturation by 10% instead.

 4281544422

 4281544422

4294967295

 4278195401

 4286603775

 4278190253

 4288707583

 4278190225

 4290811391

 4278190198

 4292915711

 4278193756

 4294954495

 4278191940

 4294961663

 4278190893

 4278190359

 4278190080

■ 4281544422

■ 4281544422

■ 4280096742

■ 4282992102

■ 4278583526

■ 4284505318

■ 4285952998

■ 4287466214

■ 4288913894

■ 4290361574

■ 4291874790

■ 4293322470

■ 4294770150

Harmonies

Analogous

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



4278214655



4281544422



4290314399

Triad

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



4281544422



4288423168



4278218077

Complementary

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



4281544422



4292994606

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.



4278217216



4281544422



4284109824

Square

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



4281544422



4291428352



4278215680



4278218676

Rectangle

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



4281544422



4292149351



4278215680



4278217790

Sweetspot

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



4281544422



4291019519



4281263078



4284242816



4278190080



4286611584

Same Dimension

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



4281544422



4279307007



4287442662



4285032307



4278517939



4278255667

Inverse Universe

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



4293275361



4294904568



4287096366



4285753202



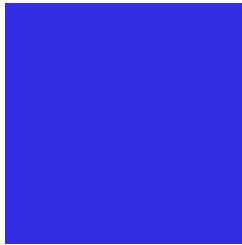
4289921198



4281532466

Previews

White Background



This preview shows how the Android color 4281544422 looks on a white background.

Color Contrast Check

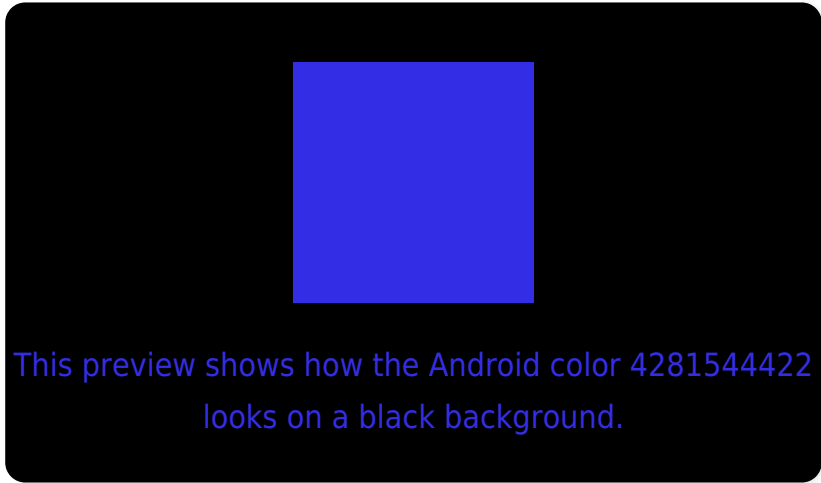
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281544422 Background



This preview shows how black text looks on a background with the Android color 4281544422.



This preview shows how white text looks on a background with the Android color 4281544422.

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

4281544422

Protanopia

4278210212

Deuteranopia

4278211724

Trichromacy



Original Color
4281544422

Protanomaly
4279452348

Deuteranomaly
4279453357

Tritanomaly
4279454352

Monochromacy



Original Color
4281544422

Achromatopsia
4282664004

Achromatomaly
4282268799

CSS Examples

Text

The CSS property to change the color of the text to Android 4281544422 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(51, 46, 230)` looks like.

```
.text, #text, p{  
    color:rgb(51, 46, 230)  
}
```

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(51, 46, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 46, 230) }
```

Border

The CSS property to change the border of an element to Android 4281544422 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(51, 46, 230) }
```

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

```
.border{ border-color:rgb(51, 46, 230) }
```

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

Here you see how a box with a 4 pixel rgb(51, 46, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 46, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 46, 230);  
box-shadow:4px 4px 4px 4px rgb(51, 46,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4281544422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 46, 230) }
```

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

```
.background{ background-color: rgb(51, 46,  
230) }
```

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