

Converting Colors

Android(4281616952)

Have a look what the booklet for
Android(4281616952) contains.

Android(4281616952)	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(4281616952)

Conversions

Conversions Part 1

Format	Color
Hex	344A38
RGB	52, 74, 56
RGB Percent	20%, 29%, 22%
CMY	0.7961, 0.7098, 0.7804
CMYK	0.30, 0.00, 0.24, 0.71
HSL	131°, 17%, 25%
HSV	131°, 30%, 29%
XYZ	4.5788, 5.9131, 4.6414
YIQ	65.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

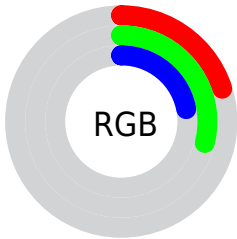
Format	Color
RYB	52, 71, 74
Decimal	3426872
CIELab	29.19, -12.86, 8.05
CIELCh	29, 15.176, 147.953
Yxy	5.9131, 0.3026, 0.3907
Android (android.graphics.Color)	4281616952 (0xFF344A38)
YUV	65.3700, -4.6194, -11.7255
Hunter-Lab	24.3170, -8.9440, 5.7051

Details

The Android color `4281616952` is a dark color, and the websafe version is hex `003333`. A complement of this color would be `4283053126`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4284709735`, and `4278787597` is the 20% darker color. If you saturate the color by 10%, you get `4281158194`, and if you desaturate by 10%, it is `4282075710`.

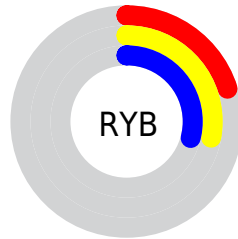
Distribution



 Red (20%)

 Green (29%)

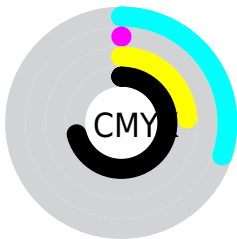
 Blue (22%)



 Red (20%)

 Yellow (28%)

 Blue (29%)

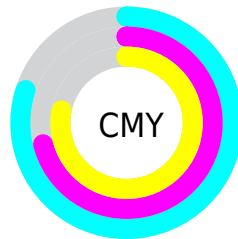


 Cyan (30%)

 Magenta (0%)

 Yellow (24%)

 Black (71%)



 Cyan (80%)

 Magenta (71%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281616952 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 4281616952 by changing the saturation by 10% instead.



4281616952



4281616952

4294967295



4280169251



4284709735



4278787597



4286354816



4278190080



4288065434



4289842101



4291684304



4293525485



4281616952



4281616952



4281158194



4282075710

■ 4280633900

■ 4282600004

■ 4280175142

■ 4283058762

■ 4279650848

■ 4283583056

■ 4279192090

■ 4284041814

■ 4278733332

■ 4284500572

■ 4278209038

■ 4285024866

■ 4278209037

■ 4285483624

■ 4286007918

Harmonies

Analogous

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



4282533680



4281616952



4280765252

Triad

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



4281616952



4281681500



4284235066

Complementary

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



4281616952



4283053126

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.



4284169286



4281616952



4282729049

Square

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



4281616952



4280633688



4283645521



4283908145

Rectangle

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



4281616952



4280372044



4283645521



4284234814

Sweetspot

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



4281616952



4283982170



4282796596



4281020460



4289769648



4281348144

Same Dimension

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



4281616952



4282278212



4281616963



4280428067



4278216211



4278249002

Inverse Universe

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



4283053126



4284563035



4283053115



4280689190



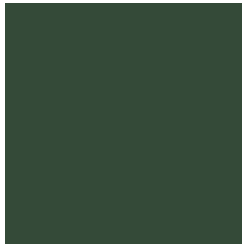
4284874835



4293263548

Previews

White Background



This preview shows how the Android color 4281616952 looks on a white background.

Color Contrast Check

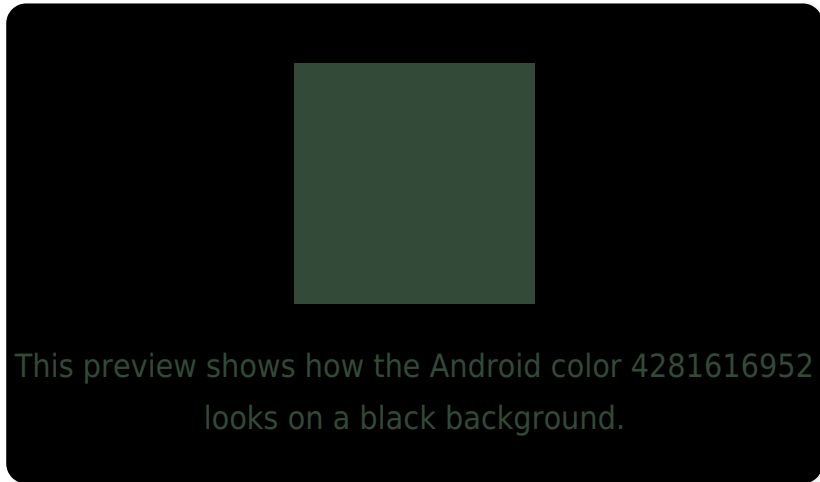
Large Text (above 18pt) WCAG AA ✓ Pass

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

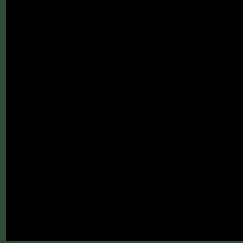
Any Text WCAG AA × Fail

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 4281616952 Background



This preview shows how black text looks on a background with the Android color 4281616952.



This preview shows how white text looks on a background with the Android color 4281616952.

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

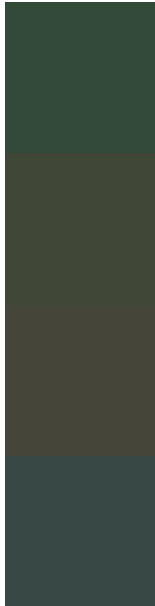


Original Color
4281616952

Protanopia
4282991925

Deuteranopia
4283384378

Trichromacy



Original Color

4281616952

Protanomaly

4282468150

Deuteranomaly

4282729785

Tritanomaly

4281813061

Monochromacy



Original Color

4281616952

Achromatopsia

4282466625

Achromatomaly

4282139710

CSS Examples

Text

The CSS property to change the color of the text to Android 4281616952 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(52, 74, 56)` looks like.

```
.text, #text, p{  
    color:rgb(52, 74, 56)  
}
```

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(52, 74, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 74, 56) }
```

Border

The CSS property to change the border of an element to Android 4281616952 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(52, 74, 56) }
```

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

```
.border{ border-color:rgb(52, 74, 56) }
```

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

Here you see how a box with a 4 pixel rgb(52, 74, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 74, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 74, 56);  
box-shadow:4px 4px 4px 4px rgb(52, 74, 56)  
}
```

Background

The CSS property to change the background color of an element to Android 4281616952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 74, 56) }
```

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

```
.background{ background-color: rgb(52, 74,  
56) }
```

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