

Converting Colors

Android(4281745418)

Have a look what the booklet for
Android(4281745418) contains.

Android(4281745418)	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(4281745418)

Conversions

Conversions Part 1

Format	Color
Hex	36400A
RGB	54, 64, 10
RGB Percent	21%, 25%, 4%
CMY	0.7882, 0.7490, 0.9608
CMYK	0.16, 0.00, 0.84, 0.75
HSL	71°, 73%, 15%
HSV	71°, 84%, 25%
XYZ	3.4095, 4.4730, 0.9708
YIQ	54.8540, 11.3740, -18.9140

Conversions

Conversions Part 2

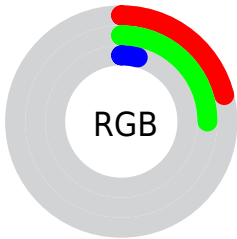
Format	Color
R_{YB}	10, 64, 20
Decimal	3555338
CIE Lab	25.18, -12.59, 29.52
CIE LCh	25, 32.094, 113.092
Yxy	4.4730, 0.3851, 0.5052
Android (android.graphics.Color)	4281745418 (0xFF36400A)
YUV	54.8540, -22.1130, -0.7490
Hunter-Lab	21.1494, -8.2354, 12.0830

Details

The Android color **4281745418** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279503424**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4284969016**, and **4278195968** is the 20% darker color. If you saturate the color by 10%, you get **4281679876**, and if you desaturate by 10%, it is **4281810960**.

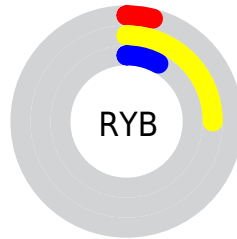
Distribution



 Red (21%)

 Green (25%)

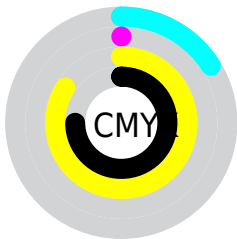
 Blue (4%)




 Red (4%)

 Yellow (25%)

 Blue (8%)

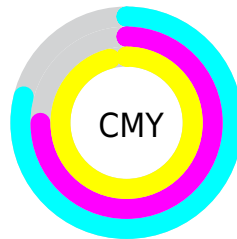


 Cyan (16%)

 Magenta (0%)

 Yellow (84%)

 Black (75%)



 Cyan (79%)


 Magenta (75%)


 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281745418 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 4281745418 by changing the saturation by 10% instead.

 4281745418

 4281745418

 4294967280

 4280297984

 4284969016

 4278195968

 4286613840

 4278190080


 4288389993

 4290166402

 4292008604

 4293916600

 4294967251

 4281745418

 4281745418

■ 4281679876

■ 4281810960

■ 4281614336

■ 4281876503

■ 4282007581

■ 4282073124

■ 4282138666

■ 4282204208

■ 4282269751

■ 4282335293

■ 4282466372

Harmonies

Analogous

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



4283250950



4281745418



4279649565

Triad

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



4281745418



4278207842



4284818754

Complementary

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



4281745418



4279503424

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.



4283706713



4281745418



4278206572

Square

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



4281745418



4278208334



4281481321



4284950058

Rectangle

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



4281745418



4278208045



4281481321



4284557130

Sweetspot

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



4281745418



4283454527



4282389514



4280888094



4289440683



4281019179

Same Dimension

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



4281745418



4282733568



4279975946



4280361246



4283392256



4290240512

Inverse Universe

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



4279503424



4279238740



4281272896



4280163873



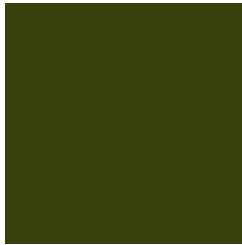
4279369825



4280942816

Previews

White Background



This preview shows how the Android color 4281745418 looks on a white background.

Color Contrast Check

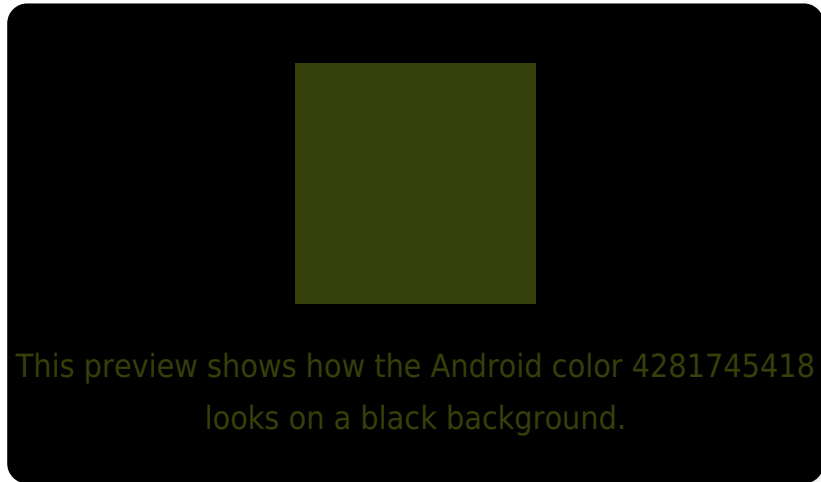
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281745418 Background



This preview shows how black text looks on a background with the Android color 4281745418.



This preview shows how white text looks on a background with the Android color 4281745418.

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
4281745418

Protanopia
4282596361

Deuteranopia
4283119887

Trichromacy



Original Color
4281745418

Protanomaly
4282268937

Deuteranomaly
4282596365

Tritanomaly
4281941292

Monochromacy



Original Color
4281745418

Achromatopsia
4281808695

Achromatomaly
4281809447

CSS Examples

Text

The CSS property to change the color of the text to Android 4281745418 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(54, 64, 10)` looks like.

```
.text, #text, p{  
    color:rgb(54, 64, 10)  
}
```

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(54, 64, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 64, 10) }
```

Border

The CSS property to change the border of an element to Android 4281745418 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(54, 64, 10) }
```

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

```
.border{ border-color:rgb(54, 64, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 64, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 64, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 64, 10);  
box-shadow:4px 4px 4px 4px rgb(54, 64, 10)  
}
```

Background

The CSS property to change the background color of an element to Android 4281745418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 64, 10) }
```

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

```
.background{ background-color: rgb(54, 64,  
10) }
```

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