

Converting Colors

Android(4281414409)

Have a look what the booklet for
Android(4281414409) contains.

Android(4281414409)	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(4281414409)

Conversions

Conversions Part 1

Format	Color
Hex	313309
RGB	49, 51, 9
RGB Percent	19%, 20%, 4%
CMY	0.8078, 0.8000, 0.9647
CMYK	0.04, 0.00, 0.82, 0.80
HSL	63°, 70%, 12%
HSV	63°, 82%, 20%
XYZ	2.4998, 3.0403, 0.7135
YIQ	45.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

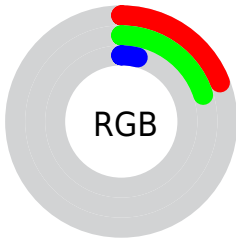
Format	Color
R_{YB}	9, 51, 11
Decimal	3224329
CIE Lab	20.20, -7.36, 24.63
CIE LCh	20, 25.707, 106.642
Yxy	3.0403, 0.3997, 0.4862
Android (android.graphics.Color)	4281414409 (0xFF313309)
YUV	45.6140, -18.0507, 2.9695
Hunter-Lab	17.4366, -4.9238, 9.7793

Details

The Android color **4281414409** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278913331**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4284571958**, and **4278190336** is the 20% darker color. If you saturate the color by 10%, you get **4281414404**, and if you desaturate by 10%, it is **4281414414**.

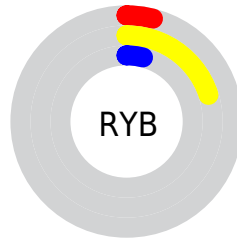
Distribution



Red (19%)

Green (20%)

Blue (4%)



Red (4%)

Yellow (20%)

Blue (4%)

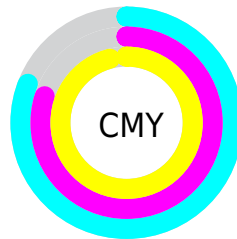


Cyan (4%)

Magenta (0%)

Yellow (82%)

Black (80%)



Cyan (81%)

Magenta (80%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281414409 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 4281414409 by changing the saturation by 10% instead.

 4281414409

 4281414409

 4294967276

 4280032768

 4284571958


 4278190336

 4286216781

 4278190080

 4287927397

 4289703551

 4291545753

 4293387956

 4294967247

 4281414409

 4281414409

■ 4281414404

■ 4281414414

■ 4281414400

■ 4281414419

■ 4281479960

■ 4281479965

■ 4281479971

■ 4281479976

■ 4281545517

■ 4281545522

■ 4281545527

Harmonies

Analogous

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



4282526985



4281414409



4279973654

Triad

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



4281414409



4278204748



4283375930

Complementary

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



4281414409



4278913331

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.



4282328907



4281414409



4278203733

Square

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



4281414409



4278204987



4280430421



4283637799

Rectangle

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



4281414409



4278401313



4280430421



4283114304

Sweetspot

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



4281414409



4282532402



4281534985



4280361239



4288782753



4280361249

Same Dimension

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



4281414409



4282335745



4280103689



4279835159



4283783424



4291746048

Inverse Universe

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



4278913331



4278452546



4280224051



4279703322



4278452313



4278845657

Previews

White Background



This preview shows how the Android color 4281414409 looks on a white background.

Color Contrast Check

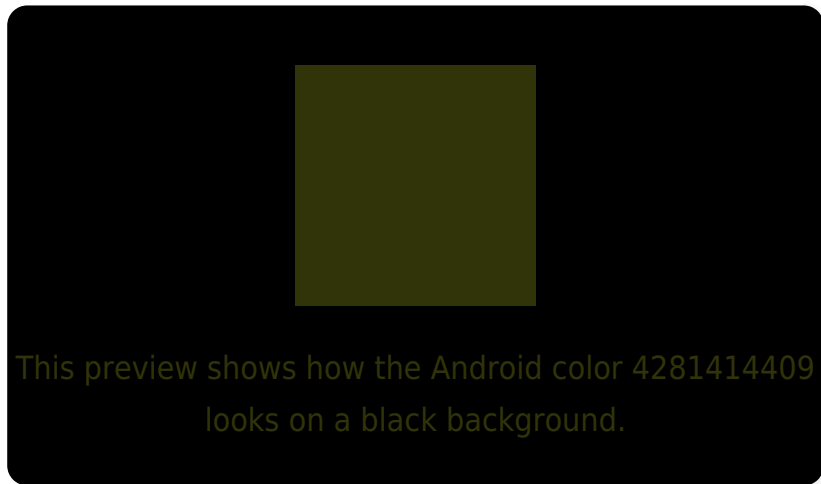
Large Text (above 18pt) WCAG AA ✓ Pass

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

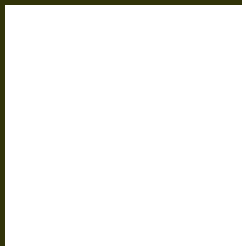
Any Text WCAG AAA × Fail

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

Android 4281414409 Background



This preview shows how black text looks on a background with the Android color 4281414409.

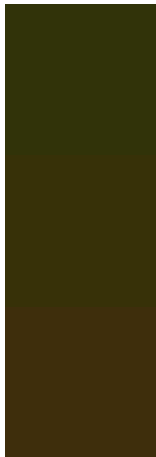


This preview shows how white text looks on a background with the Android color 4281414409.

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
4281414409

Protanopia
4281807112

Deuteranopia
4282265100



Tritanopia
4281610035

Trichromacy



Original Color

4281414409

Protanomaly

4281676296

Deuteranomaly

4281937931

Tritanomaly

4281544740

Monochromacy



Original Color

4281414409

Achromatopsia

4281216558

Achromatomaly

4281282593

CSS Examples

Text

The CSS property to change the color of the text to Android 4281414409 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(49, 51, 9)` looks like.

```
.text, #text, p{  
    color:rgb(49, 51, 9)  
}
```

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(49, 51, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 51, 9) }
```

Border

The CSS property to change the border of an element to Android 4281414409 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(49, 51, 9) }
```

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

```
.border{ border-color:rgb(49, 51, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 51, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 51, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 51, 9); box-shadow:4px  
4px 4px 4px rgb(49, 51, 9) }
```

Background

The CSS property to change the background color of an element to Android 4281414409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 51, 9) }
```

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

```
.background{ background-color: rgb(49, 51,  
9) }
```

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