

Converting Colors

Android(4281216018)

Have a look what the booklet for
Android(4281216018) contains.

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Color

Android(4281216018)

Conversions

Conversions Part 1

Format	Color
Hex	2E2C12
RGB	46, 44, 18
RGB Percent	18%, 17%, 7%
CMY	0.8196, 0.8275, 0.9294
CMYK	0.00, 0.04, 0.61, 0.82
HSL	56°, 44%, 13%
HSV	56°, 61%, 18%
XYZ	2.1366, 2.4259, 0.9279
YIQ	41.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

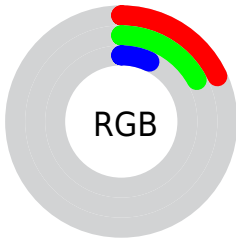
Format	Color
R_{YB}	20, 46, 18
Decimal	3025938
CIE _{Lab}	17.58, -3.63, 17.04
CIE _{LCh}	18, 17.421, 102.026
Yxy	2.4259, 0.3892, 0.4418
Android (android.graphics.Color)	4281216018 (0xFF2E2C12)
YUV	41.6340, -11.6516, 3.8290
Hunter-Lab	15.5752, -2.7704, 7.3704

Details

The Android color **4281216018** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279374894**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4284307773**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281216013**, and if you desaturate by 10%, it is **4281216023**.

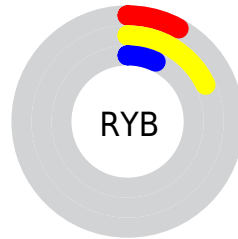
Distribution



Red (18%)

Green (17%)

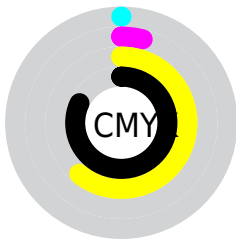
Blue (7%)



Red (8%)

Yellow (18%)

Blue (7%)

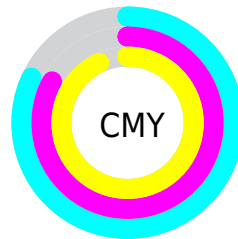


Cyan (0%)

Magenta (4%)

Yellow (61%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281216018 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 4281216018 by changing the saturation by 10% instead.



4281216018



4281216018



4294967283



4279900160



4284307773



4278190080



4285952596



4287662957



4289373830



4291215776



4293057979



4294965719



4281216018



4281216018

■ 4281216013

■ 4281216023

■ 4281215753

■ 4281216283

■ 4281215748

■ 4281216288

■ 4281215744

■ 4281216292

■ 4281216553

■ 4281216558

■ 4281216562

■ 4281216823

■ 4281216827

Harmonies

Analogous

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



4281935891



4281216018



4280299288

Triad

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



4281216018



4278202683



4282327603

Complementary

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



4281216018



4279374894

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.



4281542206



4281216018



4278529859

Square

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



4281216018



4278202928



4280298308



4282589479

Rectangle

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



4281216018



4279578911



4280298308



4282065719

Sweetspot

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



4281216018



4282071600



4281209364



4280229400



4288585374



4280229663

Same Dimension

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



4281216018



4282071056



4280430098



4279703317



4283912448



4292265728

Inverse Universe

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



4279374894



4279243579



4280160814



4279571735



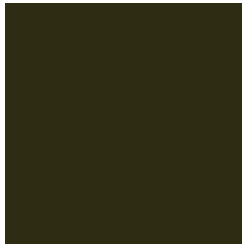
4278191703



4278194134

Previews

White Background



This preview shows how the Android color 4281216018 looks on a white background.

Color Contrast Check

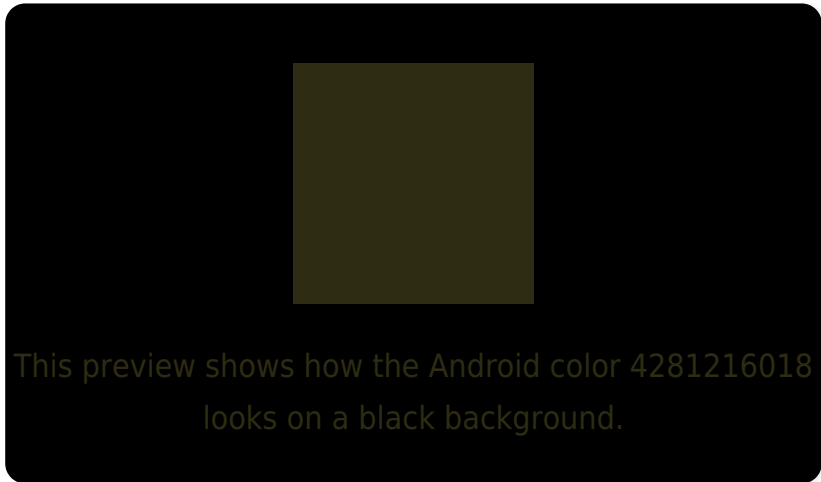
Large Text (above 18pt) WCAG AA ✓ Pass

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

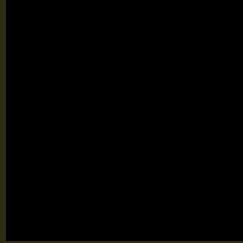
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

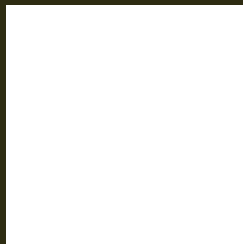
Any Text WCAG AAA × Fail

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

Android 4281216018 Background



This preview shows how black text looks on a background with the Android color 4281216018.

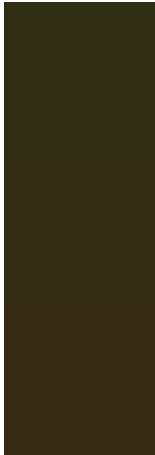


This preview shows how white text looks on a background with the Android color 4281216018.

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
4281216018

Protanopia
4281346834

Deuteranopia
4281739539



Tritanopia
4281346349

Trichromacy



Original Color

4281216018

Protanomaly

4281281298

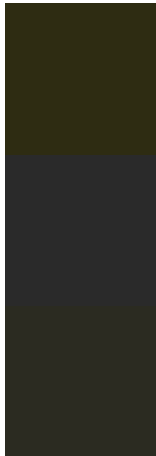
Deuteranomaly

4281543187

Tritanomaly

4281281059

Monochromacy



Original Color

4281216018

Achromatopsia

4280953386

Achromatomaly

4281019169

CSS Examples

Text

The CSS property to change the color of the text to Android 4281216018 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(46, 44, 18)` looks like.

```
.text, #text, p{  
    color:rgb(46, 44, 18)  
}
```

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(46, 44, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 44, 18) }
```

Border

The CSS property to change the border of an element to Android 4281216018 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(46, 44, 18) }
```

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

```
.border{ border-color:rgb(46, 44, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 44, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 44, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 44, 18);  
box-shadow:4px 4px 4px 4px rgb(46, 44, 18)  
}
```

Background

The CSS property to change the background color of an element to Android 4281216018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 44, 18) }
```

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

```
.background{ background-color: rgb(46, 44,  
18) }
```

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](#).

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