

Converting Colors

Android(4281227571)

Have a look what the booklet for
Android(4281227571) contains.

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Color

Android(4281227571)

Conversions

Conversions Part 1

Format	Color
Hex	2E5933
RGB	46, 89, 51
RGB Percent	18%, 35%, 20%
CMY	0.8196, 0.6510, 0.8000
CMYK	0.48, 0.00, 0.43, 0.65
HSL	127°, 32%, 26%
HSV	127°, 48%, 35%
XYZ	5.2966, 7.9646, 4.3901
YIQ	71.8110, -13.4300, -20.9340

Conversions

Conversions Part 2

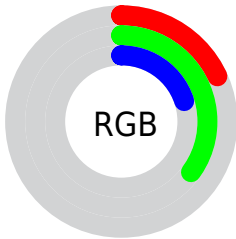
Format	Color
R_{YB}	46, 85, 89
Decimal	3037491
CIE _{Lab}	33.91, -24.14, 17.47
CIE _{LCh}	34, 29.801, 144.113
Yxy	7.9646, 0.3001, 0.4512
Android (android.graphics.Color)	4281227571 (0xFF2E5933)
YUV	71.8110, -10.2598, -22.6362
Hunter-Lab	28.2217, -15.8870, 10.5321

Details

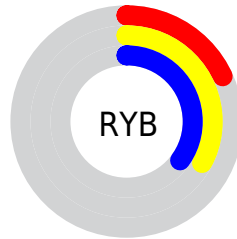
The Android color `4281227571` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4284034644`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4284451682`, and `4278201094` is the 20% darker color. If you saturate the color by 10%, you get `4280637739`, and if you desaturate by 10%, it is `4281817403`.

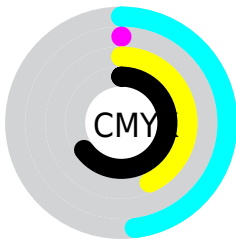
Distribution



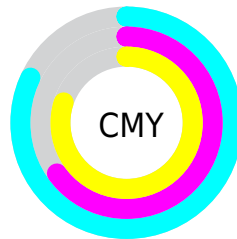
- Red (18%)
- Green (35%)
- Blue (20%)



- Red (18%)
- Yellow (33%)
- Blue (35%)



- Cyan (48%)
- Magenta (0%)
- Yellow (43%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281227571 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 4281227571 by changing the saturation by 10% instead.



4281227571



4281227571

4294967295



4279648541



4284451682



4278201094



4286097019



4278195712



4287873429



4278190080



4289650096



4291427019



4293328871



4281227571



4281227571



4280637739



4281817403

■ 4280047907

■ 4282407235

■ 4279458075

■ 4282997067

■ 4278868244

■ 4283586898

■ 4278343948

■ 4284111194

■ 4278212874

■ 4284701026

■ 4285290858

■ 4285880690

■ 4286470522

Harmonies

Analogous

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



4283126819



4281227571



4278213450

Triad

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



4281227571



4279587967



4286332222

Complementary

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



4281227571



4284034644

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.



4286135381



4281227571



4283059067

Square

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



4281227571



4278212981



4285022828



4285744170

Rectangle

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



4281227571



4278213722



4285022828



4286331973

Sweetspot

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



4281227571



4284707685



4283783470



4281416498



4290427578



4282071867

Same Dimension

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



4281227571



4281365304



4281227592



4280757032



4278217484



4278250267

Inverse Universe

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



4284034644



4285739115



4284034623



4281018155



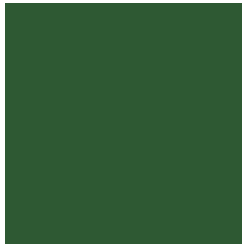
4285202527



4293591247

Previews

White Background



This preview shows how the Android color 4281227571 looks on a white background.

Color Contrast Check

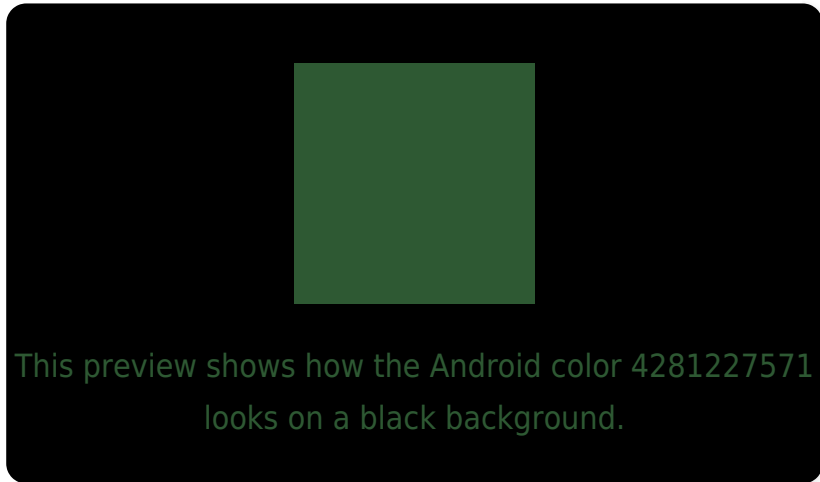
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281227571 Background



This preview shows how black text looks on a background with the Android color 4281227571.



This preview shows how white text looks on a background with the Android color 4281227571.

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
4281227571

Protanopia
4283911983

Deuteranopia
4284435510

Trichromacy



Original Color
4281227571

Protanomaly
4282929968

Deuteranomaly
4283257141

Tritanomaly
4281620044

Monochromacy



Original Color
4281227571

Achromatopsia
4282927176

Achromatomaly
4282338880

CSS Examples

Text

The CSS property to change the color of the text to Android 4281227571 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, 89, 51)` looks like.

```
.text, #text, p{  
    color:rgb(46, 89, 51)  
}
```

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, 89, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 89, 51) }
```

Border

The CSS property to change the border of an element to Android 4281227571 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, 89, 51) }
```

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

```
.border{ border-color:rgb(46, 89, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 89, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 89, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 89, 51);  
box-shadow:4px 4px 4px 4px rgb(46, 89, 51)  
}
```

Background

The CSS property to change the background color of an element to Android 4281227571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 89, 51) }
```

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

```
.background{ background-color: rgb(46, 89,  
51) }
```

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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