

Converting Colors

Android(4281221936)

Have a look what the booklet for
Android(4281221936) contains.

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Color

Android(4281221936)

Conversions

Conversions Part 1

Format	Color
Hex	2E4330
RGB	46, 67, 48
RGB Percent	18%, 26%, 19%
CMY	0.8196, 0.7373, 0.8118
CMYK	0.31, 0.00, 0.28, 0.74
HSL	126°, 19%, 22%
HSV	126°, 31%, 26%
XYZ	3.6674, 4.8086, 3.5312
YIQ	58.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

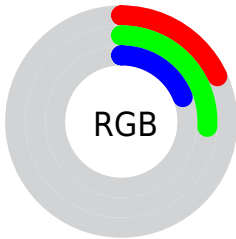
Format	Color
RYB	46, 65, 67
Decimal	3031856
CIELab	26.18, -12.86, 8.95
CIElCh	26, 15.670, 145.176
Yxy	4.8086, 0.3054, 0.4005
Android (android.graphics.Color)	4281221936 (0xFF2E4330)
YUV	58.5550, -5.2036, -11.0107
Hunter-Lab	21.9284, -8.5219, 5.8023

Details

The Android color **4281221936** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282592833**, and the grayscale version is **4282071867**.

A 20% lighter version of the original color is **4284248926**, and **4278196480** is the 20% darker color. If you saturate the color by 10%, you get **4280763178**, and if you desaturate by 10%, it is **4281680694**.

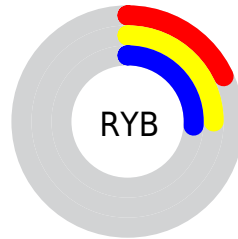
Distribution



Red (18%)

Green (26%)

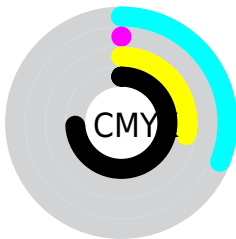
Blue (19%)



Red (18%)

Yellow (25%)

Blue (26%)

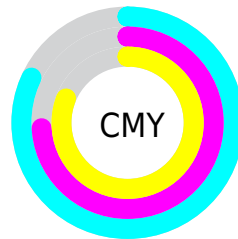


Cyan (31%)

Magenta (0%)

Yellow (28%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281221936 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 4281221936 by changing the saturation by 10% instead.

■ 4281221936

■ 4281221936

4294967295

■ 4279840027

■ 4284248926

■ 4278196480

■ 4285894007

■ 4278190080

■ 4287604624

■ 4289381035

■ 4291157702

■ 4293000162

4294901759

■ 4281221936

■ 4281221936

■ 4280763178

■ 4281680694

■ 4280369956

■ 4282073916

■ 4279911198

■ 4282532674

■ 4279452440

■ 4282991432

■ 4279059218

■ 4283450190

■ 4278600460

■ 4283843412

■ 4278207238

■ 4284302170

■ 4284760928

■ 4285154151

Harmonies

Analogous

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



4282138664



4281221936



4280304700

Triad

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



4281221936



4281024597



4283840052

Complementary

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



4281221936



4282592833

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.



4283708736



4281221936



4282203219

Square

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



4281221936



4279976785



4283119692



4283513131

Rectangle

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



4281221936



4279845956



4283119692



4283839800

Sweetspot

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



4281221936



4283389776



4282467118



4280757031



4289440683



4281019179

Same Dimension

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



4281221936



4281751353



4281221946



4280164638



4278214921



4278247445

Inverse Universe

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



4282592833



4283905620



4282592823



4280360481



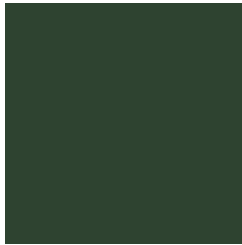
4284547160



4292870347

Previews

White Background



This preview shows how the Android color 4281221936 looks on a white background.

Color Contrast Check

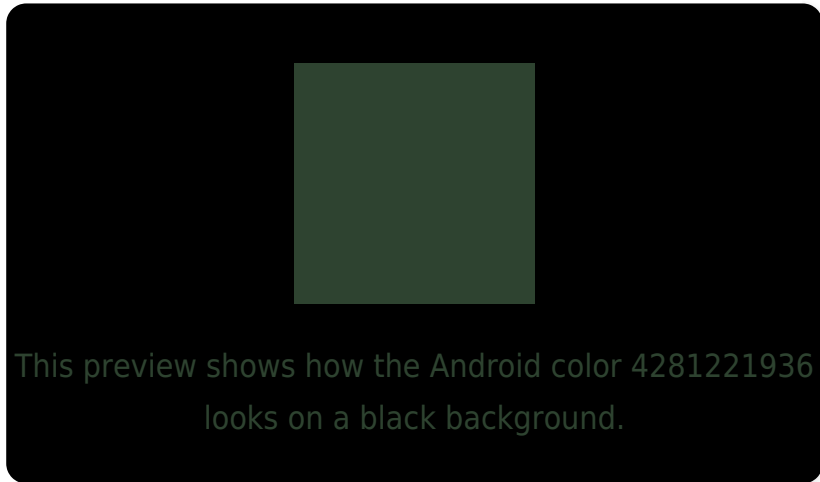
Large Text (above 18pt) WCAG AA ✓ Pass

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

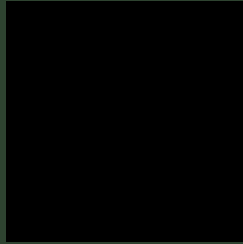
Any Text WCAG AA × Fail

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 4281221936 Background



This preview shows how black text looks on a background with the Android color 4281221936.

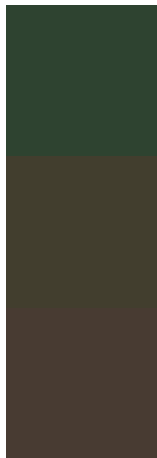


This preview shows how white text looks on a background with the Android color 4281221936.

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

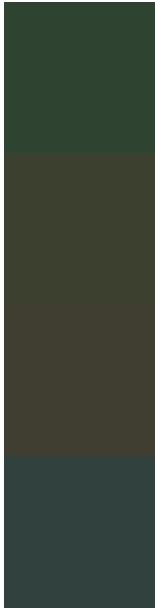


Original Color
4281221936

Protanopia
4282531374

Deuteranopia
4282923826

Trichromacy



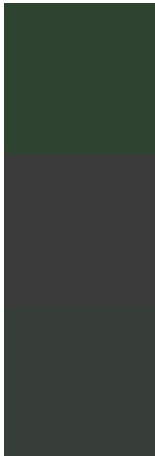
Original Color
4281221936

Protanomaly
4282073135

Deuteranomaly
4282334769

Tritanomaly
4281418045

Monochromacy



Original Color
4281221936

Achromatopsia
4282071867

Achromatomaly
4281744951

CSS Examples

Text

The CSS property to change the color of the text to Android 4281221936 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, 67, 48)` looks like.

```
.text, #text, p{  
    color:rgb(46, 67, 48)  
}
```

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, 67, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 67, 48) }
```

Border

The CSS property to change the border of an element to Android 4281221936 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, 67, 48) }
```

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

```
.border{ border-color:rgb(46, 67, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 67, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 67, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 67, 48);  
box-shadow:4px 4px 4px 4px rgb(46, 67, 48)  
}
```

Background

The CSS property to change the background color of an element to Android 4281221936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 67, 48) }
```

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

```
.background{ background-color: rgb(46, 67,  
48) }
```

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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