

Converting Colors

Android(4281426234)

Have a look what the booklet for
Android(4281426234) contains.

| | |
|--|----|
| Android(4281426234) | 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(4281426234)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 31613A |
| RGB | 49, 97, 58 |
| RGB Percent | 19%, 38%, 23% |
| CMY | 0.8078, 0.6196, 0.7725 |
| CMYK | 0.49, 0.00, 0.40, 0.62 |
| HSL | 131°, 33%, 29% |
| HSV | 131°, 49%, 38% |
| XYZ | 6.3050, 9.5078, 5.5059 |
| YIQ | 78.2020, -16.0890, -22.3050 |

Conversions

Conversions Part 2

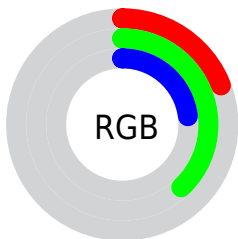
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 49, 89, 97 |
| Decimal | 3236154 |
| CIELab | 36.94, -25.80, 17.33 |
| CIELCh | 37, 31.080, 146.122 |
| Yxy | 9.5078, 0.2958, 0.4460 |
| Android (android.graphics.Color) | 4281426234 (0xFF31613A) |
| YUV | 78.2020, -9.9596, -25.6102 |
| Hunter-Lab | 30.8348, -17.4616, 10.9975 |

Details

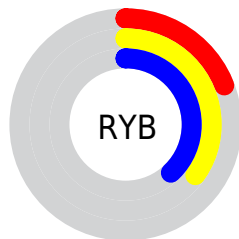
The Android color `4281426234` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4284559704`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4284716138`, and `4278202895` is the 20% darker color. If you saturate the color by 10%, you get `4280770866`, and if you desaturate by 10%, it is `4282081602`.

Distribution



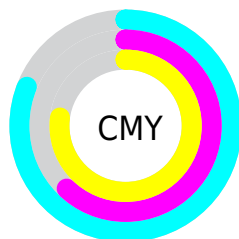
- Red (19%)
- Green (38%)
- Blue (23%)



- Red (19%)
- Yellow (35%)
- Blue (38%)



- Cyan (49%)
- Magenta (0%)
- Yellow (40%)
- Black (62%)



- Cyan (81%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281426234 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 4281426234 by changing the saturation by 10% instead.



4281426234



4281426234

4294967295



4279781668



4284716138



4278202895



4286361475



4278198016



4288137885



4278190080



4289914808



4291755988



4293591024



4281426234



4281426234



4280770866



4282081602

■ 4280181034

■ 4282671434

■ 4279525666

■ 4283326802

■ 4278870298

■ 4283982170

■ 4278280467

■ 4284637537

■ 4278214930

■ 4285227369

■ 4285882737

■ 4286538105

■ 4287127937

Harmonies

Analogous

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



4283456552



4281426234



4278215507

Triad

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



4281426234



4280310665



4286923842

Complementary

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



4281426234



4284559704

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.



4286792283



4281426234



4283716228

Square

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



4281426234



4278215040



4285745267



4286270254

Rectangle

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



4281426234



4278215780



4285745267



4286988874

Sweetspot

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



4281426234



4285169006



4283982129



4281614390



4290756543



4282400832

Same Dimension

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



4281426234



4281564481



4281426258



4281085997



4278218773



4278251565

Inverse Universe

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



4284559704



4286395247



4284559680



4281347120



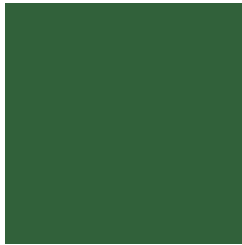
4285530203



4293918915

Previews

White Background



This preview shows how the Android color 4281426234 looks on a white background.

Color Contrast Check

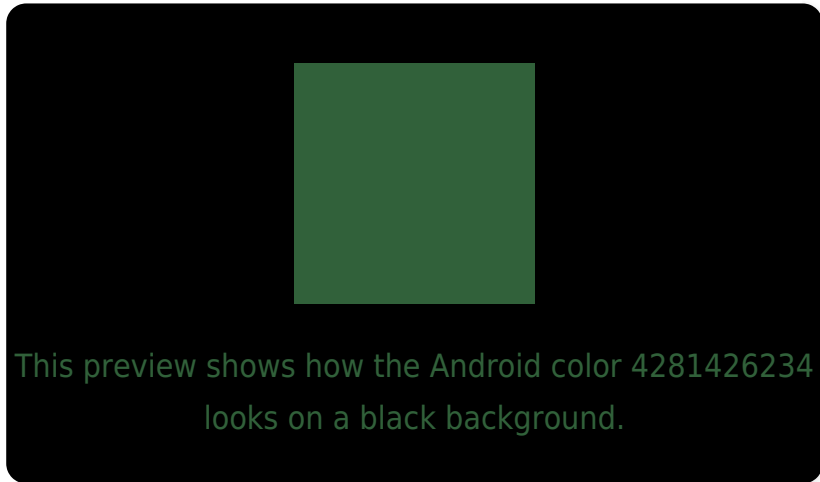
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281426234 Background



This preview shows how black text looks on a background with the Android color 4281426234.



This preview shows how white text looks on a background with the Android color 4281426234.

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

4281426234

Protanopia

4284372790

Deuteranopia

4284961597

Trichromacy



Original Color
4281426234

Protanomaly
4283325239

Deuteranomaly
4283652156

Tritanomaly
4281818708

Monochromacy



Original Color
4281426234

Achromatopsia
4283321934

Achromatomaly
4282602823

CSS Examples

Text

The CSS property to change the color of the text to Android 4281426234 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, 97, 58)` looks like.

```
.text, #text, p{  
    color:rgb(49, 97, 58)  
}
```

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, 97, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 97, 58) }
```

Border

The CSS property to change the border of an element to Android 4281426234 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, 97, 58) }
```

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

```
.border{ border-color:rgb(49, 97, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 97, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 97, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 97, 58);  
box-shadow:4px 4px 4px 4px rgb(49, 97, 58)  
}
```

Background

The CSS property to change the background color of an element to Android 4281426234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 97, 58) }
```

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

```
.background{ background-color: rgb(49, 97,  
58) }
```

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