

Converting Colors

Android(4281228138)

Have a look what the booklet for
Android(4281228138) contains.

Android(4281228138)	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(4281228138)

Conversions

Conversions Part 1

Format	Color
Hex	2E5B6A
RGB	46, 91, 106
RGB Percent	18%, 36%, 42%
CMY	0.8196, 0.6431, 0.5843
CMYK	0.57, 0.14, 0.00, 0.58
HSL	195°, 39%, 30%
HSV	195°, 57%, 42%
XYZ	7.4693, 9.1036, 14.9992
YIQ	79.2550, -31.6350, -4.8750

Conversions

Conversions Part 2

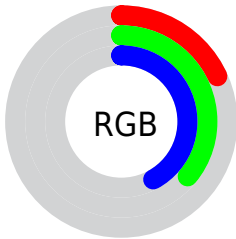
Format	Color
RYB	46, 72, 106
Decimal	3038058
CIELab	36.18, -10.76, -13.32
CIELCh	36, 17.124, 231.069
Yxy	9.1036, 0.2366, 0.2883
Android (android.graphics.Color)	4281228138 (0xFF2E5B6A)
YUV	79.2550, 13.1853, -29.1646
Hunter-Lab	30.1722, -8.6126, -8.3536

Details

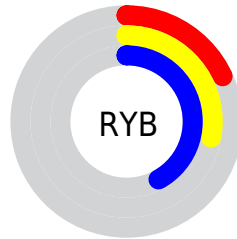
The Android color `4281228138` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285152558`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4284583325`, and `4278201659` is the 20% darker color. If you saturate the color by 10%, you get `4280506474`, and if you desaturate by 10%, it is `4281949802`.

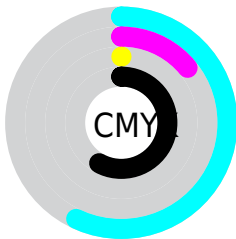
Distribution



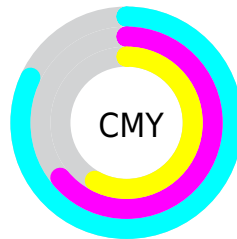
- Red (18%)
- Green (36%)
- Blue (42%)



- Red (18%)
- Yellow (28%)
- Blue (42%)



- Cyan (57%)
- Magenta (14%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281228138 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 4281228138 by changing the saturation by 10% instead.

■ 4281228138

■ 4281228138

4294967295

■ 4279386962

■ 4284583325

■ 4278201659

■ 4286294200

■ 4278196517

■ 4288070612

■ 4278190352

■ 4289847280

■ 4278190080

■ 4291755007

■ 4293591039

■ 4281228138

■ 4281228138

■ 4280506474

■ 4281949802

■ 4279850602

■ 4282605674

■ 4279128938

■ 4283327338

■ 4278472810

■ 4283983466

■ 4278210666

■ 4284704874

■ 4285426538

■ 4286082666

■ 4286804074

■ 4287460202

Harmonies

Analogous

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



4281032030



4281228138



4282275952

Triad

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



4281228138



4285418330



4283782971

Complementary

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



4281228138



4285152558

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.



4284699450



4281228138



4285614924

Square

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



4281228138



4284698214



4285353536



4282735427

Rectangle

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



4281228138



4283127152



4285353536



4284110394

Sweetspot

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



4281228138



4285695114



4281231933



4281811269



4291085508



4282729797

Same Dimension

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



4281228138



4281102986



4281220458



4281349174



4278212725



4278237429

Inverse Universe

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



4285148763



4287245426



4285160238



4281741364



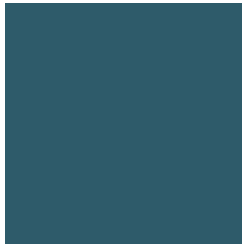
4285857880



4294246584

Previews

White Background



This preview shows how the Android color 4281228138 looks on a white background.

Color Contrast Check

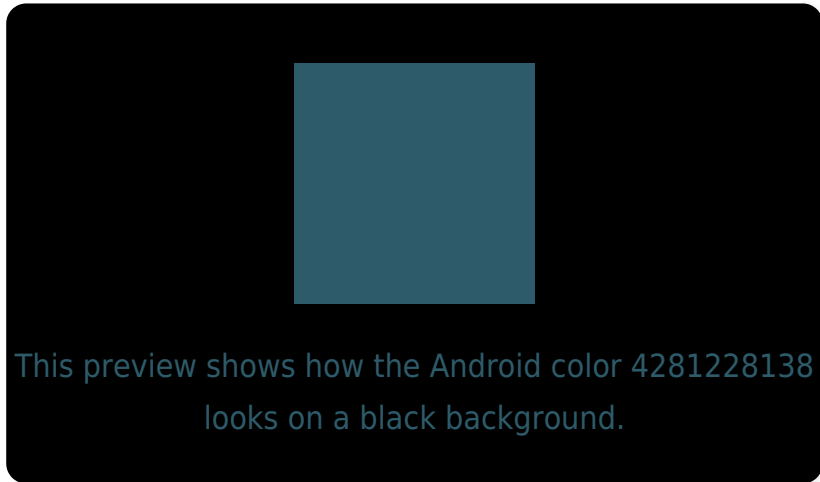
Large Text (above 18pt) WCAG AA ✓ Pass

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

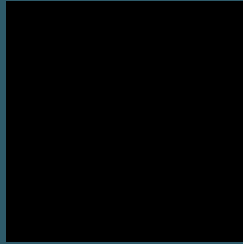
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

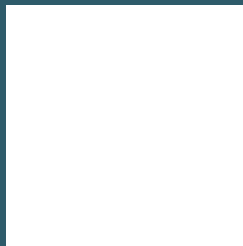
Any Text WCAG AAA × Fail

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

Android 4281228138 Background



This preview shows how black text looks on a background with the Android color 4281228138.



This preview shows how white text looks on a background with the Android color 4281228138.

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

4281228138

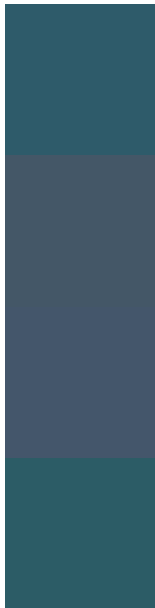
Protanopia

4283520101

Deuteranopia

4283519852

Trichromacy



Original Color
4281228138

Protanomaly
4282668903

Deuteranomaly
4282668651

Tritanomaly
4281097318

Monochromacy



Original Color
4281228138

Achromatopsia
4283387727

Achromatomaly
4282602329

CSS Examples

Text

The CSS property to change the color of the text to Android 4281228138 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, 91, 106)` looks like.

```
.text, #text, p{  
    color:rgb(46, 91, 106)  
}
```

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, 91, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 91, 106) }
```

Border

The CSS property to change the border of an element to Android 4281228138 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, 91, 106) }
```

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

```
.border{ border-color:rgb(46, 91, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 91, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 91, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 91, 106);  
box-shadow:4px 4px 4px 4px rgb(46, 91,  
106) }
```

Background

The CSS property to change the background color of an element to Android 4281228138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 91, 106) }
```

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

```
.background{ background-color: rgb(46, 91,  
106) }
```

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