

Converting Colors

Android(4281882731)

Have a look what the booklet for
Android(4281882731) contains.

Android(4281882731)	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(4281882731)

Conversions

Conversions Part 1

Format	Color
Hex	38586B
RGB	56, 88, 107
RGB Percent	22%, 35%, 42%
CMY	0.7804, 0.6549, 0.5804
CMYK	0.48, 0.18, 0.00, 0.58
HSL	202°, 31%, 32%
HSV	202°, 48%, 42%
XYZ	7.7745, 8.8817, 15.2145
YIQ	80.5980, -25.1710, -0.8750

Conversions

Conversions Part 2

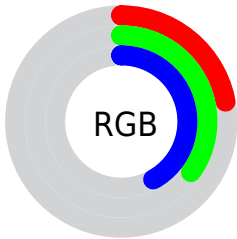
Format	Color
RYB	56, 76, 107
Decimal	3692651
CIELab	35.76, -6.04, -14.55
CIELCh	36, 15.754, 247.453
Yxy	8.8817, 0.2439, 0.2787
Android (android.graphics.Color)	4281882731 (0xFF38586B)
YUV	80.5980, 13.0162, -21.5724
Hunter-Lab	29.8022, -5.5890, -9.4069

Details

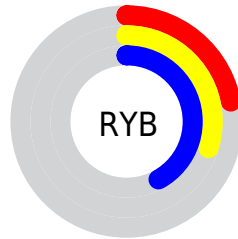
The Android color `4281882731` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285221688`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4285172382`, and `4278463292` is the 20% darker color. If you saturate the color by 10%, you get `4281160811`, and if you desaturate by 10%, it is `4282604651`.

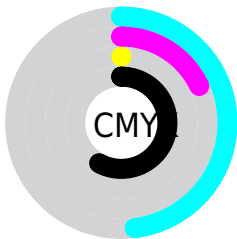
Distribution



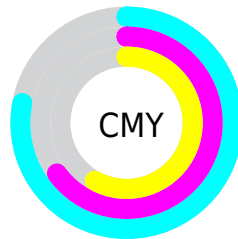
- Red (22%)
- Green (35%)
- Blue (42%)



- Red (22%)
- Yellow (30%)
- Blue (42%)



- Cyan (48%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281882731 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 4281882731 by changing the saturation by 10% instead.

■ 4281882731

■ 4281882731

4294967295

■ 4280238419

■ 4285172382

■ 4278463292

■ 4286883001

■ 4278196006

■ 4288659413

■ 4278190352

■ 4290436081

■ 4278190080

■ 4292278527

■ 4294180863

■ 4281882731

■ 4281882731

■ 4281160811

■ 4282604651

■ 4280504427

■ 4283261035

■ 4279782507

■ 4283982955

■ 4279060587

■ 4284704875

■ 4278404203

■ 4285426795

■ 4278207339

■ 4286083179

■ 4286805099

■ 4287527019

■ 4288183403

Harmonies

Analogous

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



4281293411



4281882731



4282995821

Triad

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



4281882731



4285352785



4283193408

Complementary

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



4281882731



4285221688

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.



4284109883



4281882731



4285287493

Square

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



4281882731



4284959838



4284895293



4282276426

Rectangle

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



4281882731



4283781482



4284895293



4283520830

Sweetspot

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



4281882731



4286154124



4281887563



4282073927



4291282887



4282861383

Same Dimension

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



4281882731



4282150540



4281876331



4281349174



4278209141



4278229749

Inverse Universe

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



4285216856



4287380590



4285228088



4281741364



4285857866



4294246554

Previews

White Background



This preview shows how the Android color 4281882731 looks on a white background.

Color Contrast Check

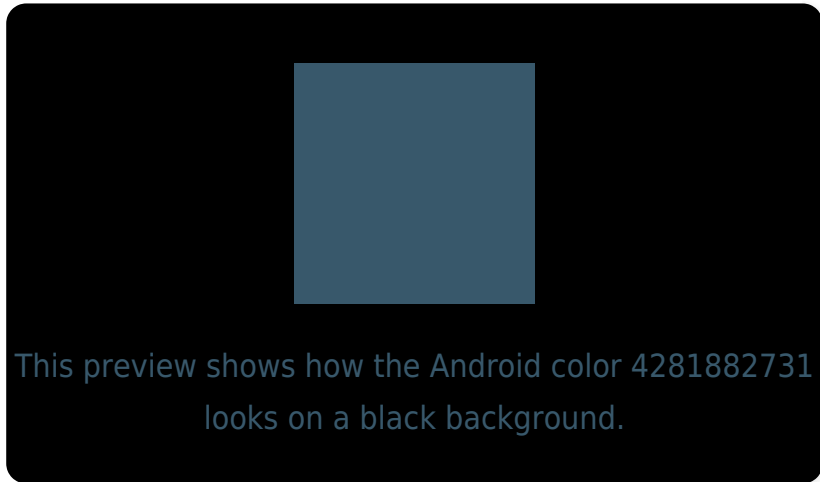
Large Text (above 18pt) WCAG AA ✓ Pass

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

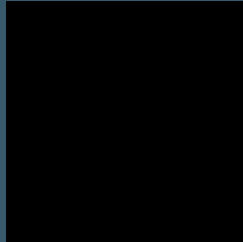
Any Text WCAG AA × Fail

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 4281882731 Background



This preview shows how black text looks on a background with the Android color 4281882731.



This preview shows how white text looks on a background with the Android color 4281882731.

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

4281882731

Protanopia

4283388775

Deuteranopia

4283388524

Trichromacy



Original Color
4281882731

Protanomaly
4282865000

Deuteranomaly
4282864748

Tritanomaly
4281751909

Monochromacy



Original Color
4281882731

Achromatopsia
4283519313

Achromatomaly
4282930266

CSS Examples

Text

The CSS property to change the color of the text to Android 4281882731 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(56, 88, 107)` looks like.

```
.text, #text, p{  
    color:rgb(56, 88, 107)  
}
```

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(56, 88, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 88, 107) }
```

Border

The CSS property to change the border of an element to Android 4281882731 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(56, 88, 107) }
```

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

```
.border{ border-color:rgb(56, 88, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 88, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 88, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 88, 107);  
box-shadow:4px 4px 4px 4px rgb(56, 88,  
107) }
```

Background

The CSS property to change the background color of an element to Android 4281882731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 88, 107) }
```

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

```
.background{ background-color: rgb(56, 88,  
107) }
```

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