

Converting Colors

Android(4281307037)

Have a look what the booklet for
Android(4281307037) contains.

Android(4281307037)	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(4281307037)

Conversions

Conversions Part 1

Format	Color
Hex	2F8F9D
RGB	47, 143, 157
RGB Percent	18%, 56%, 62%
CMY	0.8157, 0.4392, 0.3843
CMYK	0.70, 0.09, 0.00, 0.38
HSL	188°, 54%, 40%
HSV	188°, 70%, 62%
XYZ	17.0806, 22.6836, 35.3764
YIQ	115.8920, -61.7100, -15.9980

Conversions

Conversions Part 2

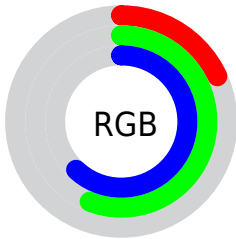
Format	Color
RYB	47, 98, 157
Decimal	3116957
CIELab	54.74, -22.78, -15.52
CIElCh	55, 27.562, 214.268
Yxy	22.6836, 0.2273, 0.3019
Android (android.graphics.Color)	4281307037 (0xFF2F8F9D)
YUV	115.8920, 20.2662, -60.4183
Hunter-Lab	47.6273, -19.3324, -10.7001

Details

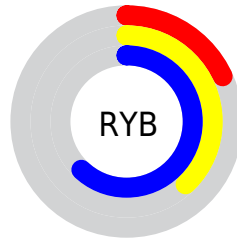
The Android color `4281307037` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288494895`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285318612`, and `4278213738` is the 20% darker color. If you saturate the color by 10%, you get `4280257949`, and if you desaturate by 10%, it is `4282356125`.

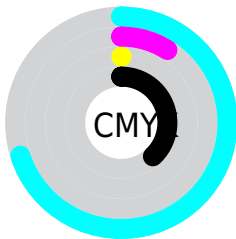
Distribution



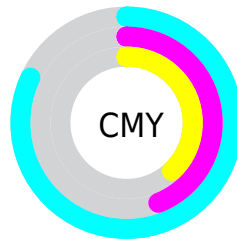
- Red (18%)
- Green (56%)
- Blue (62%)



- Red (18%)
- Yellow (38%)
- Blue (62%)



- Cyan (70%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)




- Cyan (82%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281307037 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 4281307037 by changing the saturation by 10% instead.

 4281307037

 4281307037

4294967295

 4278220163

 4285318612

 4278213738

 4287226352

 4278207570

 4289134335

 4278201915

 4291035135

 4278196773

 4292935679

 4278190351

4294901759

 4278190080

 4281307037

 4281307037

 4280257949

 4282356125

■ 4279274397

■ 4283339677

■ 4278225309

■ 4284388765

■ 4285437853

■ 4286486941

■ 4287470493

■ 4288519581

■ 4289568669

■ 4290552221

Harmonies

Analogous

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



4282290310



4281307037



4282616749

Triad

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



4281307037



4288967832



4287660883

Complementary

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



4281307037



4288494895

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.



4288969305



4281307037



4289819008

Square

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



4281307037



4287331498



4289753961



4285958747

Rectangle

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



4281307037



4284188594



4289753961



4288118868

Sweetspot

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



4281307037



4288792524



4281310524



4283261798



4293322470



4284900966

Same Dimension

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



4281307037



4280399564



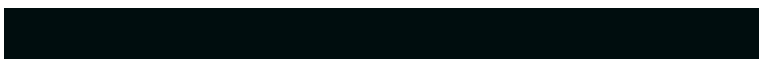
4281293213



4282863183



4278222223



4278193423

Inverse Universe

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



4288491407



4291568054



4288508719



4283385678



4287561853



4279173133

Previews

White Background



This preview shows how the Android color 4281307037 looks on a white background.

Color Contrast Check

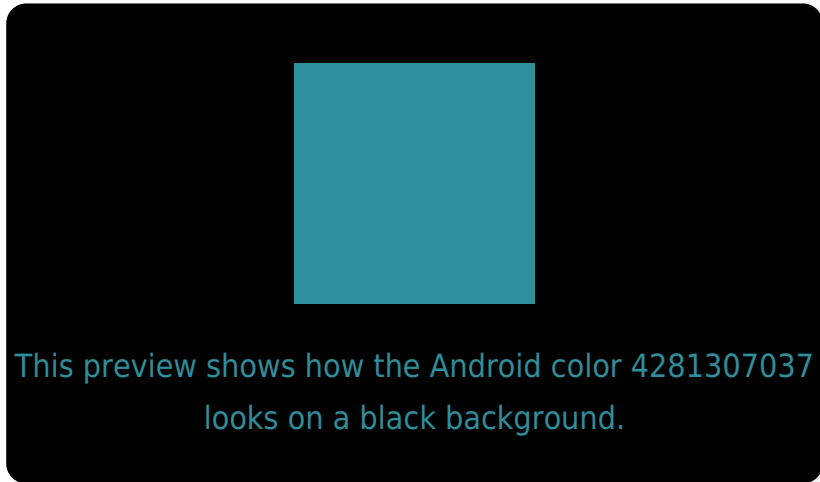
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

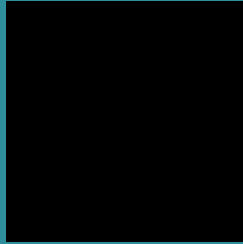
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4281307037 Background



This preview shows how black text looks on a background with the Android color 4281307037.



This preview shows how white text looks on a background with the Android color 4281307037.

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



Trichromacy



Original Color
4281307037

Protanomaly
4284647063

Deuteranomaly
4284712351

Tritanomaly
4281241500

Monochromacy



Original Color
4281307037

Achromatopsia
4285822068

Achromatomaly
4284186243

CSS Examples

Text

The CSS property to change the color of the text to Android 4281307037 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(47, 143, 157)` looks like.

```
.text, #text, p{  
    color:rgb(47, 143, 157)  
}
```

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(47, 143, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 143, 157) }
```

Border

The CSS property to change the border of an element to Android 4281307037 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(47, 143, 157) }
```

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

```
.border{ border-color:rgb(47, 143, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 143, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 143, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 143, 157);  
box-shadow:4px 4px 4px 4px rgb(47, 143,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4281307037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 143, 157) }
```

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

```
.background{ background-color: rgb(47, 143,  
157) }
```

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