

Converting Colors

Android(4281037193)

Have a look what the booklet for
Android(4281037193) contains.

Android(4281037193)	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(4281037193)

Conversions

Conversions Part 1

Format	Color
Hex	2B7189
RGB	43, 113, 137
RGB Percent	17%, 44%, 54%
CMY	0.8314, 0.5569, 0.4627
CMYK	0.69, 0.18, 0.00, 0.46
HSL	195°, 52%, 35%
HSV	195°, 69%, 54%
XYZ	11.4167, 14.1300, 25.7925
YIQ	94.8060, -49.4240, -7.3760

Conversions

Conversions Part 2

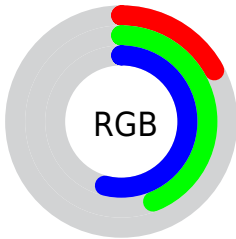
Format	Color
R_{YB}	43, 83, 137
Decimal	2847113
CIE _{Lab}	44.42, -13.72, -19.58
CIE _{LCh}	44, 23.910, 234.970
Yxy	14.1300, 0.2224, 0.2752
Android (android.graphics.Color)	4281037193 (0xFF2B7189)
YUV	94.8060, 20.8016, -45.4339
Hunter-Lab	37.5899, -11.5685, -14.3693

Details

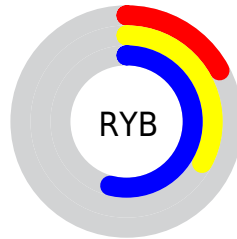
The Android color `4281037193` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4287185707`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4284786110`, and `4278206807` is the 20% darker color. If you saturate the color by 10%, you get `4280118921`, and if you desaturate by 10%, it is `4281955465`.

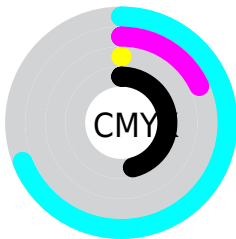
Distribution



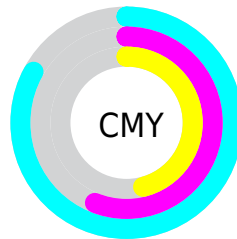
- Red (17%)
- Green (44%)
- Blue (54%)



- Red (17%)
- Yellow (33%)
- Blue (54%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)
- Black (46%)




- Cyan (83%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281037193 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 4281037193 by changing the saturation by 10% instead.

 4281037193

 4281037193

4294967295

 4278212720

 4284786110

 4278206807

 4286628058

 4278201152

 4288470263

 4278196010


 4290312447

 4278190357

 4292214783

 4278190080

 4294115327

 4281037193

 4281037193

 4280118921

 4281955465

■ 4279265929

■ 4282808457

■ 4278347657

■ 4283726729

■ 4278216329

■ 4284645257

■ 4285563529

■ 4286416521

■ 4287334793

■ 4288253321

■ 4289106057

Harmonies

Analogous

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



4280513657



4281037193



4282936464

Triad

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



4281037193



4287453805



4284837188

Complementary

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



4281037193



4287185707

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.



4286211905



4281037193



4287650649

Square

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



4281037193



4286537344



4287193161



4283330898

Rectangle

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



4281037193



4284311695



4287193161



4285360962

Sweetspot

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



4281037193



4287474099



4281043267



4282602585



4292467161



4284045657

Same Dimension

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



4281037193



4280323507



4281025417



4282270533



4278215557



4278191109

Inverse Universe

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



4287179633



4289929357



4287197739



4282728003



4286906467



4278517764

Previews

White Background



This preview shows how the Android color 4281037193 looks on a white background.

Color Contrast Check

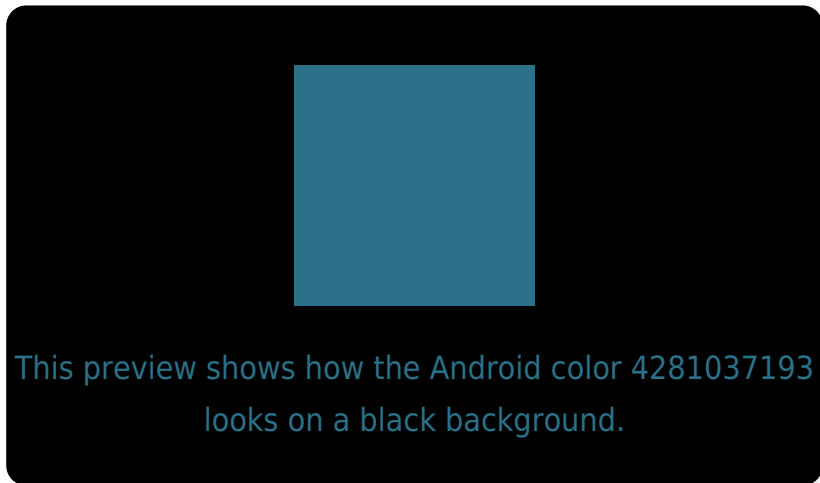
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

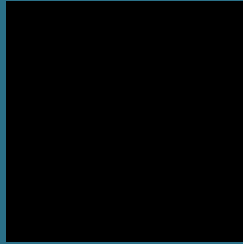
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4281037193 Background



This preview shows how black text looks on a background with the Android color 4281037193.

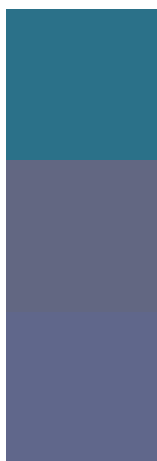


This preview shows how white text looks on a background with the Android color 4281037193.

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

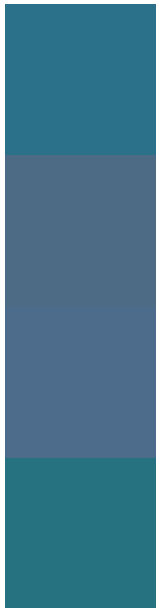


Original Color
4281037193

Protanopia
4284639106

Deuteranopia
4284508043

Trichromacy



Original Color
4281037193

Protanomaly
4283329413

Deuteranomaly
4283263882

Tritanomaly
4280709761

Monochromacy



Original Color
4281037193

Achromatopsia
4284440415

Achromatomaly
4283197038

CSS Examples

Text

The CSS property to change the color of the text to Android 4281037193 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(43, 113, 137)` looks like.

```
.text, #text, p{  
    color:rgb(43, 113, 137)  
}
```

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(43, 113, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 113, 137) }
```

Border

The CSS property to change the border of an element to Android 4281037193 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(43, 113, 137) }
```

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

```
.border{ border-color:rgb(43, 113, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 113, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(43, 113, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(43, 113, 137); box-shadow:4px 4px 4px 4px rgb(43, 113, 137) }
```

Background

The CSS property to change the background color of an element to Android 4281037193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 113, 137) }
```

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

```
.background{ background-color: rgb(43, 113,  
137) }
```

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