

Converting Colors

Android(4280367181)

Have a look what the booklet for
Android(4280367181) contains.

Android(4280367181)	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(4280367181)

Conversions

Conversions Part 1

Format	Color
Hex	21384D
RGB	33, 56, 77
RGB Percent	13%, 22%, 30%
CMY	0.8706, 0.7804, 0.6980
CMYK	0.57, 0.27, 0.00, 0.70
HSL	209°, 40%, 22%
HSV	209°, 57%, 30%
XYZ	3.3809, 3.6875, 7.5547
YIQ	51.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

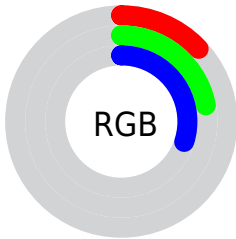
Format	Color
R_{YB}	33, 48, 77
Decimal	2177101
CIE Lab	22.61, -1.99, -15.61
CIE LCh	23, 15.740, 262.754
Yxy	3.6875, 0.2312, 0.2522
Android (android.graphics.Color)	4280367181 (0xFF21384D)
YUV	51.5170, 12.5631, -16.2394
Hunter-Lab	19.2029, -2.1777, -9.8837




Details

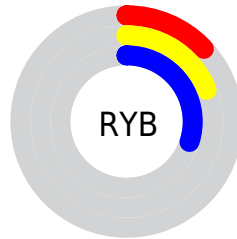
The Android color **4280367181** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4283250209**, and the grayscale version is **4281545523**.




A 20% lighter version of the original color is **4283524990**, and **4278193185** is the 20% darker color. If you saturate the color by 10%, you get **4279841869**, and if you desaturate by 10%, it is **4280892493**.

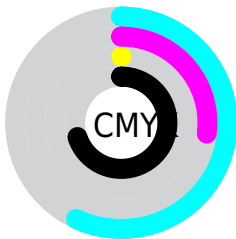
Distribution







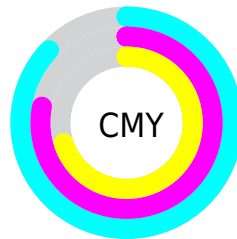
-  Red (13%)
-  Green (22%)
-  Blue (30%)






-  Red (13%)
-  Yellow (19%)
-  Blue (30%)



-  Cyan (57%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (87%)
-  Magenta (78%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280367181 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 4280367181 by changing the saturation by 10% instead.

■ 4280367181

■ 4280367181

4294967295

■ 4278723382

■ 4283524990

■ 4278193185

■ 4285169816

■ 4278190087

■ 4286880435

■ 4278190080

■ 4288591054

■ 4290367723

■ 4292209919

■ 4294115327

■ 4280367181

■ 4280367181

■ 4279841869

■ 4280892493

■ 4279382349

■ 4281352013

■ 4278857037

■ 4281877325

■ 4278331725

■ 4282402637

■ 4278200397

■ 4282927693

■ 4283387469

■ 4283912781

■ 4284437837

■ 4284897613

Harmonies

Analogous

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



4279188296



4280367181



4281545804

Triad

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



4280367181



4283248174



4280761127

Complementary

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



4280367181



4283250209

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.



4281677856



4280367181



4282986532

Square

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



4280367181



4283116857



4282397727



4279843891

Rectangle

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



4280367181



4282265927



4282397727



4281088548

Sweetspot

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



4280367181



4283652963



4280372534



4280888883



4289967027



4281545523

Same Dimension

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



4280367181



4280238947



4280361549



4280427558



4278203750



4278221030

Inverse Universe

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



4283244856



4284686147



4283255841



4280689188



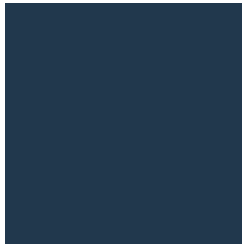
4284874805



4293263480

Previews

White Background



This preview shows how the Android color 4280367181 looks on a white background.

Color Contrast Check

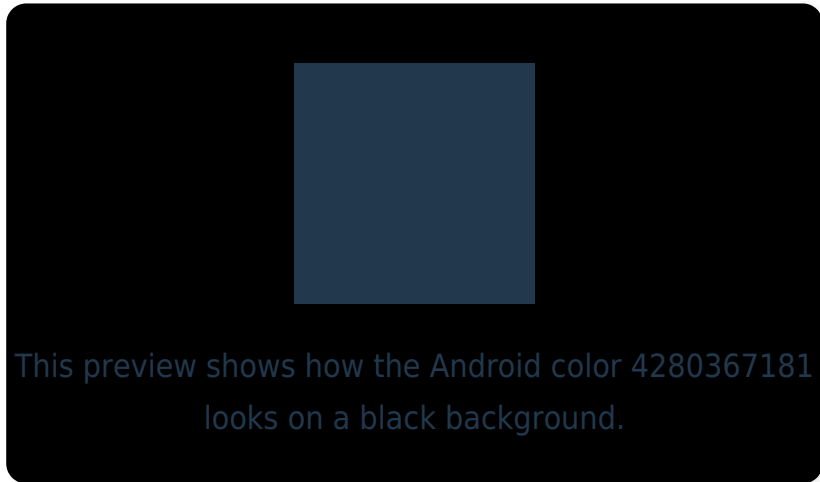
Large Text (above 18pt) WCAG AA ✓ Pass

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

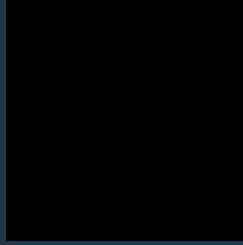
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

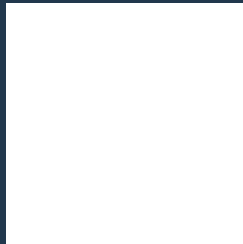
Any Text WCAG AAA × Fail

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

Android 4280367181 Background



This preview shows how black text looks on a background with the Android color 4280367181.



This preview shows how white text looks on a background with the Android color 4280367181.

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
4280367181

Protanopia
4281283915

Deuteranopia
4281152846

Trichromacy



Original Color
4280367181

Protanomaly
4280956492

Deuteranomaly
4280890958

Tritanomaly
4280105540

Monochromacy



Original Color
4280367181

Achromatopsia
4281611316

Achromatomaly
4281152829

CSS Examples

Text

The CSS property to change the color of the text to Android 4280367181 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(33, 56, 77)` looks like.

```
.text, #text, p{  
    color:rgb(33, 56, 77)  
}
```

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(33, 56, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 56, 77) }
```

Border

The CSS property to change the border of an element to Android 4280367181 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(33, 56, 77) }
```

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

```
.border{ border-color:rgb(33, 56, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 56, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 56, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 56, 77);  
box-shadow:4px 4px 4px 4px rgb(33, 56, 77)  
}
```

Background

The CSS property to change the background color of an element to Android 4280367181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 56, 77) }
```

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

```
.background{ background-color: rgb(33, 56,  
77) }
```

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