

Converting Colors

Android(4280371063)

Have a look what the booklet for
Android(4280371063) contains.

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Color

Android(4280371063)

Conversions

Conversions Part 1

Format	Color
Hex	214777
RGB	33, 71, 119
RGB Percent	13%, 28%, 47%
CMY	0.8706, 0.7216, 0.5333
CMYK	0.72, 0.40, 0.00, 0.53
HSL	213°, 57%, 30%
HSV	213°, 72%, 47%
XYZ	6.2102, 6.1617, 18.3148
YIQ	65.1100, -38.0560, 6.8720

Conversions

Conversions Part 2

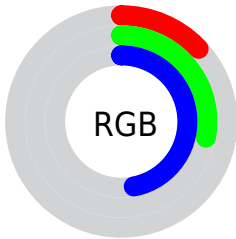
Format	Color
R_{YB}	33, 59, 119
Decimal	2180983
CIE _{Lab}	29.82, 3.90, -31.41
CIE _{LCh}	30, 31.648, 277.075
Yxy	6.1617, 0.2024, 0.2008
Android (android.graphics.Color)	4280371063 (0xFF214777)
YUV	65.1100, 26.5678, -28.1605
Hunter-Lab	24.8228, 1.2175, -26.3694

Details

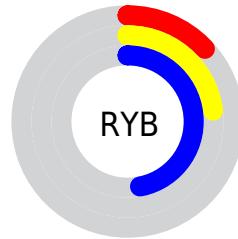
The Android color `4280371063` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4286009633`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4284053420`, and `4278197318` is the 20% darker color. If you saturate the color by 10%, you get `4279582839`, and if you desaturate by 10%, it is `4281159287`.

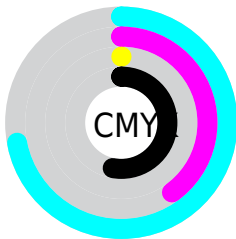
Distribution



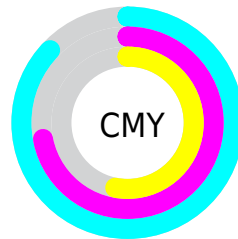
- Red (13%)
- Green (28%)
- Blue (47%)



- Red (13%)
- Yellow (23%)
- Blue (47%)



- Cyan (72%)
- Magenta (40%)
- Yellow (0%)
- Black (53%)



- Cyan (87%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280371063 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 4280371063 by changing the saturation by 10% instead.

■ 4280371063

■ 4280371063

4294967295

■ 4278202718

■ 4284053420

■ 4278197318

■ 4285764039

■ 4278190384

■ 4287605731

■ 4278190362

■ 4289382143

■ 4278190080

■ 4291289855

■ 4293132287

■ 4280371063

■ 4280371063

■ 4279582839

■ 4281159287

■ 4278794871

■ 4281947255

■ 4278203767

■ 4282735479

■ 4283523703

■ 4284311671

■ 4285034359

■ 4285822327

■ 4286610551

■ 4287398775

Harmonies

Analogous

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



4278210163



4280371063



4283383150

Triad

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



4280371063



4285543722



4278800690

Complementary

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



4280371063



4286009633

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.



4281617693



4280371063



4284694040

Square

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



4280371063



4285739073



4283320082



4278211147

Rectangle

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



4280371063



4284626785



4283320082



4280111146

Sweetspot

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



4280371063



4286154908



4280383312



4282008655



4291809231



4283387727

Same Dimension

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



4280371063



4279521436



4280623479



4281677627



4278204026



4278218490

Inverse Universe

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



4285997383



4288418896



4285757217



4282070327



4286185526



4294574190

Previews

White Background



This preview shows how the Android color 4280371063 looks on a white background.

Color Contrast Check

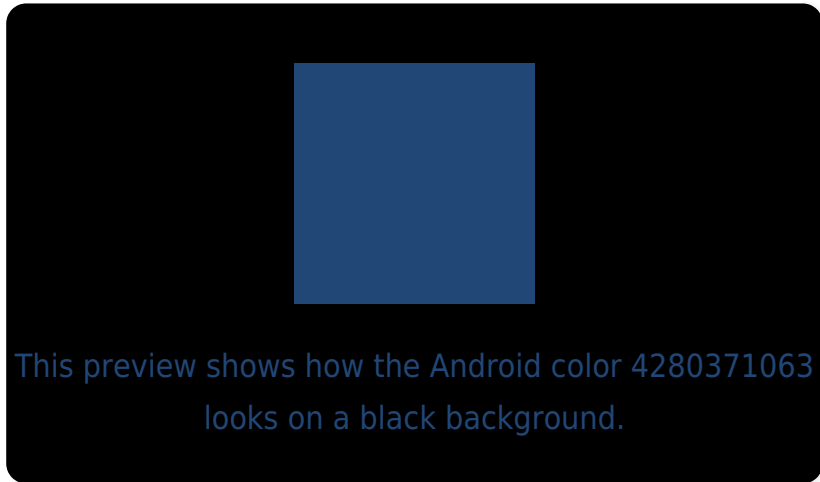
Large Text (above 18pt) WCAG AA ✓ Pass

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

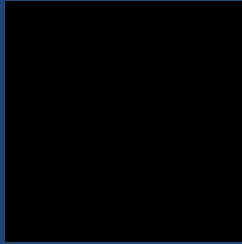
Any Text WCAG AA × Fail

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 4280371063 Background



This preview shows how black text looks on a background with the Android color 4280371063.



This preview shows how white text looks on a background with the Android color 4280371063.

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

4280371063

Protanopia

4281484661

Deuteranopia

4280502135

Trichromacy



Original Color

4280371063

Protanomaly

4281091702

Deuteranomaly

4280436599

Tritanomaly

4278995809

Monochromacy



Original Color

4280371063

Achromatopsia

4282466625

Achromatomaly

4281680725

CSS Examples

Text

The CSS property to change the color of the text to Android 4280371063 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, 71, 119)` looks like.

```
.text, #text, p{  
    color:rgb(33, 71, 119)  
}
```

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, 71, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 71, 119) }
```

Border

The CSS property to change the border of an element to Android 4280371063 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, 71, 119) }
```

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

```
.border{ border-color:rgb(33, 71, 119) }
```

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

Here you see how a box with a 4 pixel rgb(33, 71, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 71, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 71, 119);  
box-shadow:4px 4px 4px 4px rgb(33, 71,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4280371063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 71, 119) }
```

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

```
.background{ background-color: rgb(33, 71,  
119) }
```

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](#).

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