

Converting Colors

Android(4280900017)

Have a look what the booklet for
Android(4280900017) contains.

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Color

Android(4280900017)

Conversions

Conversions Part 1

Format	Color
Hex	2959B1
RGB	41, 89, 177
RGB Percent	16%, 35%, 69%
CMY	0.8392, 0.6510, 0.3059
CMYK	0.77, 0.50, 0.00, 0.31
HSL	219°, 62%, 43%
HSV	219°, 77%, 69%
XYZ	12.4226, 10.7905, 43.0230
YIQ	84.6800, -56.8560, 17.1920

Conversions

Conversions Part 2

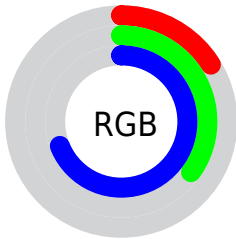
Format	Color
RYB	41, 76, 177
Decimal	2709937
CIELab	39.23, 15.70, -51.54
CIELCh	39, 53.884, 286.944
Yxy	10.7905, 0.1876, 0.1629
Android (android.graphics.Color)	4280900017 (0xFF2959B1)
YUV	84.6800, 45.5138, -38.3074
Hunter-Lab	32.8489, 10.0187, -54.6593

Details

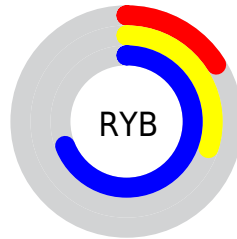
The Android color `4280900017` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289823017`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4285172457`, and `4278201724` is the 20% darker color. If you saturate the color by 10%, you get `4279717553`, and if you desaturate by 10%, it is `4282082481`.

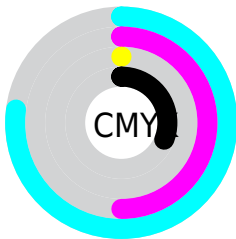
Distribution



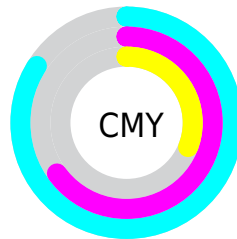
- Red (16%)
- Green (35%)
- Blue (69%)



- Red (16%)
- Yellow (30%)
- Blue (69%)



- Cyan (77%)
- Magenta (50%)
- Yellow (0%)
- Black (31%)



- Cyan (84%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280900017 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 4280900017 by changing the saturation by 10% instead.



4280900017



4280900017

4294967295



4278207126



4285172457



4278201724



4287145471



4278196578



4289052927



4278190154



4290960383



4278191154



4292933887



4278190620

4294901759



4278190080



4280900017



4280900017



4279717553



4282082481

■ 4278600369

■ 4283199665

■ 4278206129

■ 4284382129

■ 4285564849

■ 4286747313

■ 4287864497

■ 4289046961

■ 4290229681

■ 4291346609

Harmonies

Analogous

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



4278216626



4280900017



4286399641

Triad

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



4280900017



4288429852



4278218567

Complementary

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



4280900017



4289823017

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.



4280249113



4280900017



4286599936

Square

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



4280900017



4289277254



4284047872



4278218869

Rectangle

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



4280900017



4288165248



4284047872



4278218296

Sweetspot

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



4280900017



4289840102



4280922495



4283653747



4294111986



4285756275

Same Dimension

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



4280900017



4279393766



4282067377



4283454297



4278204057



4278192410

Inverse Universe

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



4289800537



4293268061



4288655657



4284043347



4288217142



4279894025

Previews

White Background



This preview shows how the Android color 4280900017 looks on a white background.

Color Contrast Check

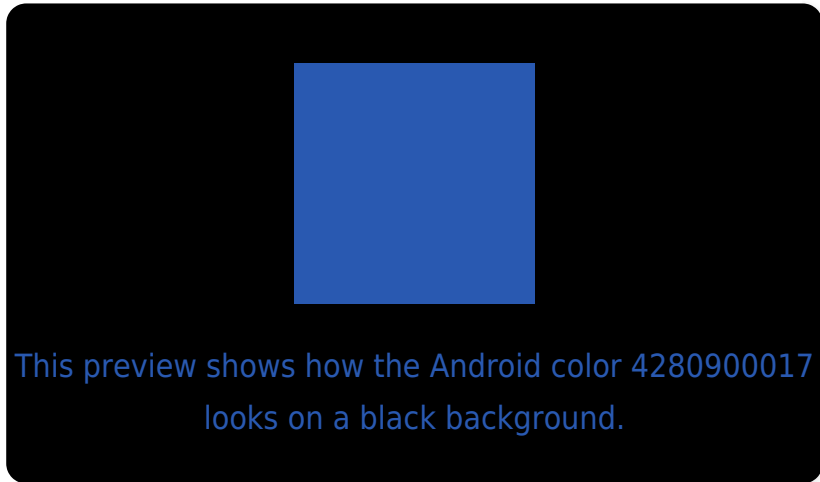
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280900017 Background



This preview shows how black text looks on a background with the Android color 4280900017.



This preview shows how white text looks on a background with the Android color 4280900017.

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

4280900017

Protanopia

4280900017

Deuteranopia

4278214308

Trichromacy



Original Color
4280900017

Protanomaly
4280900017

Deuteranomaly
4279196841

Tritanomaly
4279198086

Monochromacy



Original Color
4280900017

Achromatopsia
4283782485

Achromatomaly
4282734198

CSS Examples

Text

The CSS property to change the color of the text to Android 4280900017 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(41, 89, 177)` looks like.

```
.text, #text, p{  
    color:rgb(41, 89, 177)  
}
```

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(41, 89, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 89, 177) }
```

Border

The CSS property to change the border of an element to Android 4280900017 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(41, 89, 177) }
```

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

```
.border{ border-color:rgb(41, 89, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 89, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 89, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 89, 177);  
box-shadow:4px 4px 4px 4px rgb(41, 89,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4280900017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 89, 177) }
```

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

```
.background{ background-color: rgb(41, 89,  
177) }
```

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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