

Converting Colors

Android(4278735233)

Have a look what the booklet for
Android(4278735233) contains.

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Color

Android(4278735233)

Conversions

Conversions Part 1

Format	Color
Hex	085181
RGB	8, 81, 129
RGB Percent	3%, 32%, 51%
CMY	0.9686, 0.6824, 0.4941
CMYK	0.94, 0.37, 0.00, 0.49
HSL	204°, 88%, 27%
HSV	204°, 94%, 51%
XYZ	7.0050, 7.5215, 21.8515
YIQ	64.6450, -58.9160, -0.5480

Conversions

Conversions Part 2

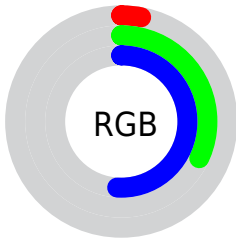
Format	Color
R_{YB}	8, 54, 129
Decimal	545153
CIE _{Lab}	32.97, -1.43, -32.67
CIE _{LCh}	33, 32.702, 267.501
Yxy	7.5215, 0.1926, 0.2068
Android (android.graphics.Color)	4278735233 (0xFF085181)
YUV	64.6450, 31.7270, -49.6777
Hunter-Lab	27.4253, -2.4014, -28.0424

Details

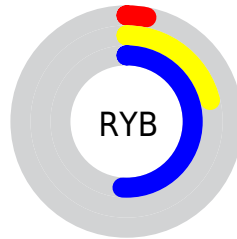
The Android color `4278735233` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286658568`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4283400886`, and `4278199631` is the 20% darker color. If you saturate the color by 10%, you get `4278210177`, and if you desaturate by 10%, it is `4279588481`.

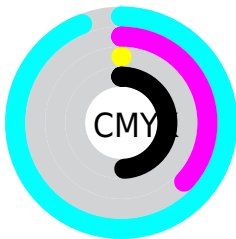
Distribution



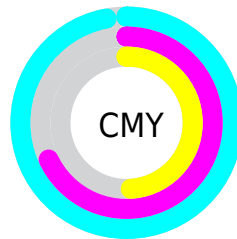
- Red (3%)
- Green (32%)
- Blue (51%)



- Red (3%)
- Yellow (21%)
- Blue (51%)



- Cyan (94%)
- Magenta (37%)
- Yellow (0%)
- Black (49%)



- Cyan (97%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278735233 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 4278735233 by changing the saturation by 10% instead.

■ 4278735233

■ 4278735233

4294967295

■ 4278205032

■ 4283400886

■ 4278199631

■ 4285242578

■ 4278194232

■ 4287084526

■ 4278190626

■ 4288991999

■ 4278190088

■ 4290834175

■ 4278190080

■ 4292739071

■ 4294705151

■ 4278735233

■ 4278735233

■ 4278210177

■ 4279588481

■ 4280441729

■ 4281294977

■ 4282148225

■ 4282936193

■ 4283789441

■ 4284642689

■ 4285495937

■ 4286349185

Harmonies

Analogous

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



4278212473



4278735233



4283123835

Triad

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



4278735233



4286331191



4280440881

Complementary

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



4278735233



4286658568

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.



4282667805



4278735233



4285612578

Square

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



4278735233



4286265169



4284369687



4278213194

Rectangle

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



4278735233



4284629361



4284369687



4281292585

Sweetspot

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



4278735233



4286158504



4278747446



4281878868



4292138196



4283716692

Same Dimension

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



4278735233



4278216360



4278720129



4281941312



4278209920



4278190080

Inverse Universe

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



4286646353



4289200230



4286673672



4282399037



4286578765



4278190080

Previews

White Background



This preview shows how the Android color 4278735233 looks on a white background.

Color Contrast Check

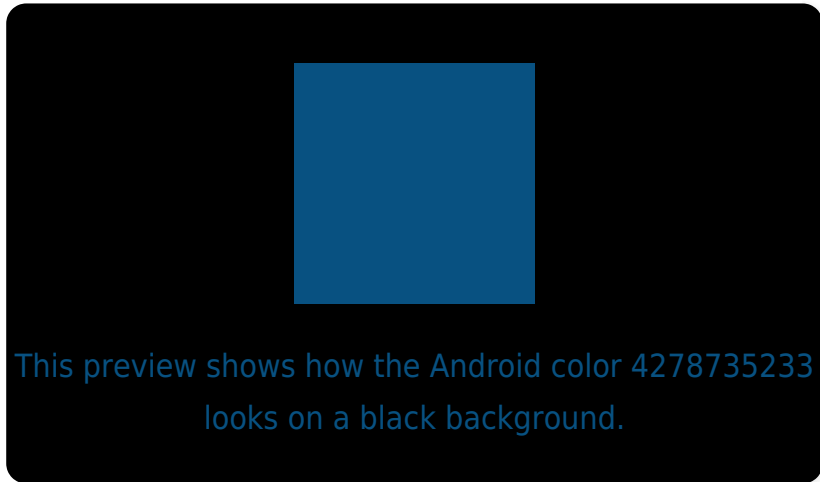
Large Text (above 18pt) WCAG AA ✓ Pass

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

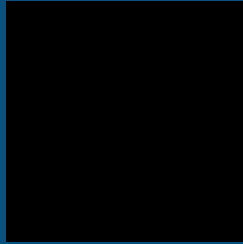
Any Text WCAG AA × Fail

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 4278735233 Background



This preview shows how black text looks on a background with the Android color 4278735233.



This preview shows how white text looks on a background with the Android color 4278735233.

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

4278735233

Protanomaly

4280831614

Deuteranomaly

4280176514

Tritanomaly

4278408297

Monochromacy



Original Color

4278735233

Achromatopsia

4282466625

Achromatomaly

4281091928

CSS Examples

Text

The CSS property to change the color of the text to Android 4278735233 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(8, 81, 129)` looks like.

```
.text, #text, p{  
    color:rgb(8, 81, 129)  
}
```

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(8, 81, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 81, 129) }
```

Border

The CSS property to change the border of an element to Android 4278735233 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(8, 81, 129) }
```

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

```
.border{ border-color:rgb(8, 81, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 81, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 81, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 81, 129);  
box-shadow:4px 4px 4px 4px rgb(8, 81, 129)  
}
```

Background

The CSS property to change the background color of an element to Android 4278735233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 81, 129) }
```

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

```
.background{ background-color: rgb(8, 81,  
129) }
```

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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