

Converting Colors

Android(4280840827)

Have a look what the booklet for
Android(4280840827) contains.

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Color

Android(4280840827)

Conversions

Conversions Part 1

Format	Color
Hex	28727B
RGB	40, 114, 123
RGB Percent	16%, 45%, 48%
CMY	0.8431, 0.5529, 0.5176
CMYK	0.67, 0.07, 0.00, 0.52
HSL	187°, 51%, 32%
HSV	187°, 67%, 48%
XYZ	10.4675, 13.9158, 20.8732
YIQ	92.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

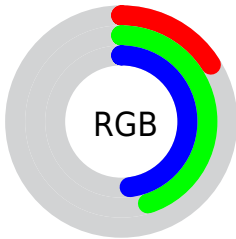
Format	Color
RYB	40, 79, 123
Decimal	2650747
CIELab	44.11, -19.44, -11.68
CIELCh	44, 22.677, 211.000
Yxy	13.9158, 0.2313, 0.3075
Android (android.graphics.Color)	4280840827 (0xFF28727B)
YUV	92.9000, 14.8393, -46.3933
Hunter-Lab	37.3039, -15.1944, -7.0627

Details

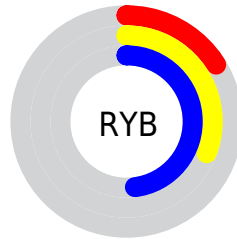
The Android color `4280840827` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286263592`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4284524207`, and `4278207050` is the 20% darker color. If you saturate the color by 10%, you get `4280054139`, and if you desaturate by 10%, it is `4281627515`.

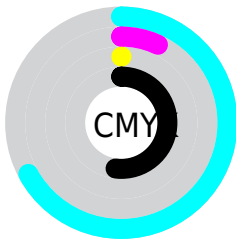
Distribution



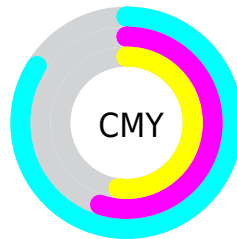
- Red (16%)
- Green (45%)
- Blue (48%)



- Red (16%)
- Yellow (31%)
- Blue (48%)



- Cyan (67%)
- Magenta (7%)
- Yellow (0%)
- Black (52%)



- Cyan (84%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280840827 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 4280840827 by changing the saturation by 10% instead.



4280840827



4280840827

4294967295



4278212962



4284524207



4278207050



4286366155



4278201140



4288142823



4278196255



4290050815



4278190084



4291887103



4278190080



4293787647



4280840827



4280840827



4280054139



4281627515

■ 4279201659

■ 4282479995

■ 4278414971

■ 4283266683

■ 4278218363

■ 4284053371

■ 4284905851

■ 4285692539

■ 4286479227

■ 4287266171

■ 4288118395

Harmonies

Analogous

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



4281693032



4280840827



4281626505

Triad

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



4280840827



4286668155



4285884227

Complementary

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



4280840827



4286263592

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.



4286865736



4280840827



4287388264

Square

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



4280840827



4285293449



4287454294



4284575048

Rectangle

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



4280840827



4282805389



4287454294



4286211395

Sweetspot

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



4280840827



4286684577



4280843056



4282273618



4291940817



4283585106

Same Dimension

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



4280840827



4280259489



4280830331



4281810237



4278218621



4278247932

Inverse Universe

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



4286261362



4288749459



4286274088



4282201917



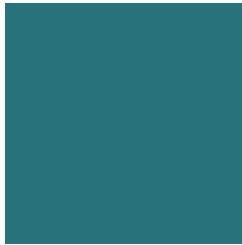
4286382191



4294705377

Previews

White Background



This preview shows how the Android color 4280840827 looks on a white background.

Color Contrast Check

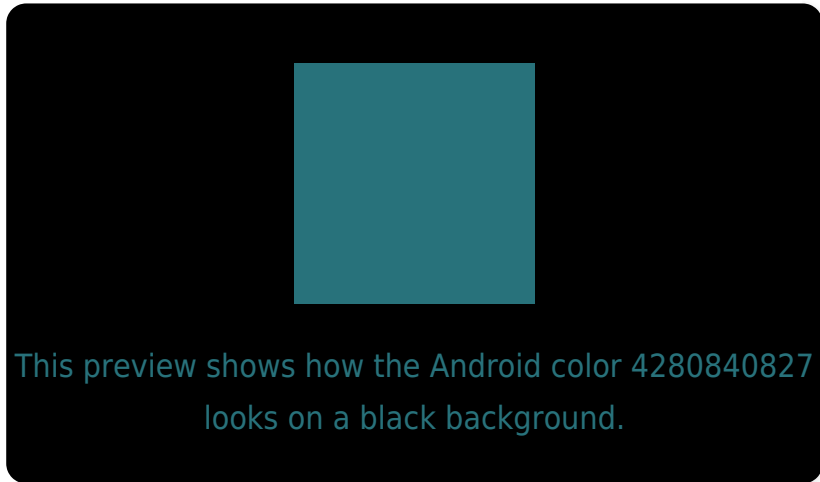
Large Text (above 18pt) WCAG AA ✓ Pass

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

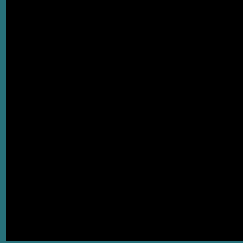
Any Text WCAG AA × Fail

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 4280840827 Background



This preview shows how black text looks on a background with the Android color 4280840827.



This preview shows how white text looks on a background with the Android color 4280840827.

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
4280840827

Protanopia
4284901236

Deuteranopia
4284966526

Trichromacy



Original Color
4280840827

Protanomaly
4283394935

Deuteranomaly
4283460221

Tritanomaly
4280840827

Monochromacy



Original Color
4280840827

Achromatopsia
4284308829

Achromatomaly
4283065704

CSS Examples

Text

The CSS property to change the color of the text to Android 4280840827 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(40, 114, 123)` looks like.

```
.text, #text, p{  
    color:rgb(40, 114, 123)  
}
```

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(40, 114, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 114, 123) }
```

Border

The CSS property to change the border of an element to Android 4280840827 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(40, 114, 123) }
```

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

```
.border{ border-color:rgb(40, 114, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 114, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 114, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 114, 123);  
box-shadow:4px 4px 4px 4px rgb(40, 114,  
123) }
```

Background

The CSS property to change the background color of an element to Android 4280840827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 114, 123) }
```

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

```
.background{ background-color: rgb(40, 114,  
123) }
```

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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