

Converting Colors

Android(4280640847)

Have a look what the booklet for
Android(4280640847) contains.

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Color

Android(4280640847)

Conversions

Conversions Part 1

Format	Color
Hex	25654F
RGB	37, 101, 79
RGB Percent	15%, 40%, 31%
CMY	0.8549, 0.6039, 0.6902
CMYK	0.63, 0.00, 0.22, 0.60
HSL	159°, 46%, 27%
HSV	159°, 63%, 40%
XYZ	6.8279, 10.2652, 9.0186
YIQ	79.3560, -31.0820, -20.4100

Conversions

Conversions Part 2

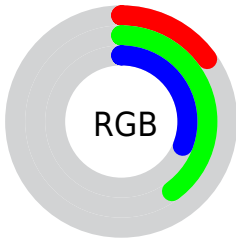
Format	Color
RYB	37, 76, 101
Decimal	2450767
CIELab	38.31, -26.26, 6.46
CIELCh	38, 27.045, 166.172
Yxy	10.2652, 0.2615, 0.3931
Android (android.graphics.Color)	4280640847 (0xFF25654F)
YUV	79.3560, -0.1755, -37.1462
Hunter-Lab	32.0393, -18.0286, 5.7382

Details

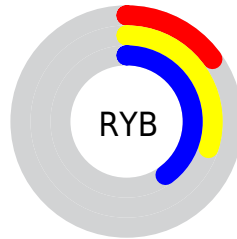
The Android color `4280640847` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284818747`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4284061824`, and `4278203683` is the 20% darker color. If you saturate the color by 10%, you get `4279985484`, and if you desaturate by 10%, it is `4281296210`.

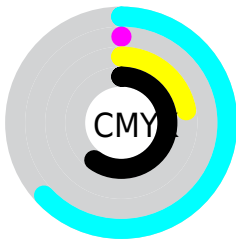
Distribution



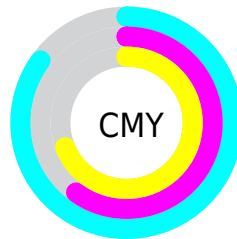
- Red (15%)
- Green (40%)
- Blue (31%)



- Red (15%)
- Yellow (30%)
- Blue (40%)



- Cyan (63%)
- Magenta (0%)
- Yellow (22%)
- Black (60%)



- Cyan (85%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280640847 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 4280640847 by changing the saturation by 10% instead.



4280640847



4280640847

4294967295



4278471992



4284061824



4278203683



4285772698



4278198541



4287549365



4278190080



4289326032



4291166189



4293066751



4280640847



4280640847



4279985484



4281296210

■ 4279330120

■ 4281951574

■ 4278674757

■ 4282606937

■ 4278216002

■ 4283262301

■ 4283983200

■ 4284638564

■ 4285293927

■ 4285949291

■ 4286604654

Harmonies

Analogous

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



4282671675



4280640847



4278216294

Triad

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



4280640847



4283259012



4286533180

Complementary

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



4280640847



4284818747

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.



4286859599



4280640847



4285223033

Square

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



4280640847



4280442756



4286466661



4285617455

Rectangle

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



4280640847



4278216051



4286466661



4286729281

Sweetspot

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



4280640847



4285104762



4282082597



4281549373



4290953922



4282532418

Same Dimension

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



4280640847



4280255072



4280638309



4281217841



4278219595



4278252191

Inverse Universe

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



4284818747



4286717761



4284821285



4281544240



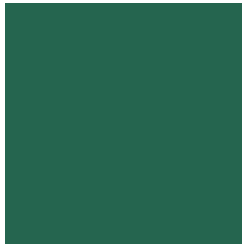
4285726759



4294049875

Previews

White Background



This preview shows how the Android color 4280640847 looks on a white background.

Color Contrast Check

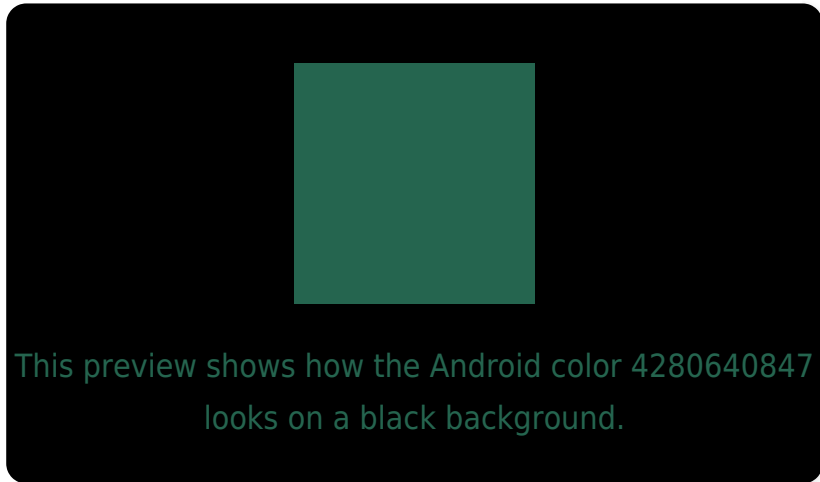
Large Text (above 18pt) WCAG AA ✓ Pass

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

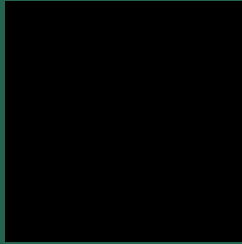
Any Text WCAG AA × Fail

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 4280640847 Background



This preview shows how black text looks on a background with the Android color 4280640847.



This preview shows how white text looks on a background with the Android color 4280640847.

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
4280640847

Protanopia
4284439113

Deuteranopia
4284831570

Trichromacy



Original Color
4280640847

Protanomaly
4283063883

Deuteranomaly
4283325521

Tritanomaly
4281033312

Monochromacy



Original Color
4280640847

Achromatopsia
4283387727

Achromatomaly
4282406735

CSS Examples

Text

The CSS property to change the color of the text to Android 4280640847 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(37, 101, 79)` looks like.

```
.text, #text, p{  
    color:rgb(37, 101, 79)  
}
```

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(37, 101, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 101, 79) }
```

Border

The CSS property to change the border of an element to Android 4280640847 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(37, 101, 79) }
```

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

```
.border{ border-color:rgb(37, 101, 79) }
```

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

Here you see how a box with a 4 pixel rgb(37, 101, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 101, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 101, 79);  
box-shadow:4px 4px 4px 4px rgb(37, 101,  
79) }
```

Background

The CSS property to change the background color of an element to Android 4280640847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 101, 79) }
```

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

```
.background{ background-color: rgb(37, 101,  
79) }
```

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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