

Converting Colors

Android(4280644679)

Have a look what the booklet for
Android(4280644679) contains.

Android(4280644679)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280644679)

Conversions

Conversions Part 1

Format	Color
Hex	257447
RGB	37, 116, 71
RGB Percent	15%, 45%, 28%
CMY	0.8549, 0.5451, 0.7216
CMYK	0.68, 0.00, 0.39, 0.55
HSL	146°, 52%, 30%
HSV	146°, 68%, 45%
XYZ	8.1457, 13.3390, 8.1066
YIQ	87.2490, -32.6390, -30.7430

Conversions

Conversions Part 2

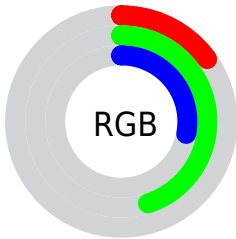
Format	Color
RYB	37, 92, 116
Decimal	2454599
CIELab	43.27, -35.03, 18.05
CIElCh	43, 39.406, 152.736
Yxy	13.3390, 0.2753, 0.4508
Android (android.graphics.Color)	4280644679 (0xFF257447)
YUV	87.2490, -8.0108, -44.0684
Hunter-Lab	36.5226, -24.1036, 12.4058

Details

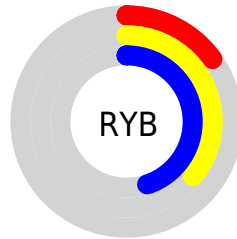
The Android color `4280644679` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285801810`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4284262776`, and `4278207259` is the 20% darker color. If you saturate the color by 10%, you get `4279858240`, and if you desaturate by 10%, it is `4281431118`.

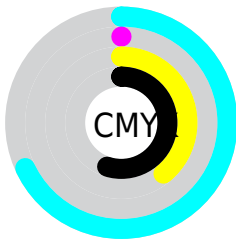
Distribution



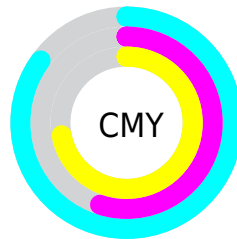
- Red (15%)
- Green (45%)
- Blue (28%)



- Red (15%)
- Yellow (36%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (39%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280644679 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 4280644679 by changing the saturation by 10% instead.



4280644679



4280644679

4294967295



4278213424



4284262776



4278207259



4286039186



4278201346



4287816108



4278195200



4289658312



4278190080



4291493860



4293394431



4280644679



4280644679



4279858240



4281431118

■ 4279137338

■ 4282152020

■ 4278350899

■ 4282938459

■ 4278219826

■ 4283659361

■ 4284445800

■ 4285232239

■ 4285953141

■ 4286739580

■ 4287460482

Harmonies

Analogous

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



4283723564



4280644679



4278220392

Triad

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



4280644679



4280904103



4288695877

Complementary

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



4280644679



4285801810

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.



4288760165



4280644679



4285291677

Square

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



4280644679



4278219168



4287713413



4287650348

Rectangle

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



4280644679



4278220414



4287713413



4288826191

Sweetspot

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



4280644679



4286092933



4283659301



4282010946



4291611852



4283256141

Same Dimension

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



4280644679



4279998032



4280644717



4281678647



4278221365



4278254188

Inverse Universe

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



4285801810



4288027489



4285801772



4282070328



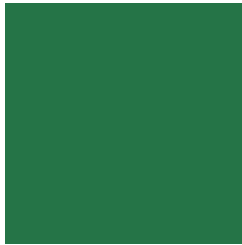
4286185542



4294574222

Previews

White Background



This preview shows how the Android color 4280644679 looks on a white background.

Color Contrast Check

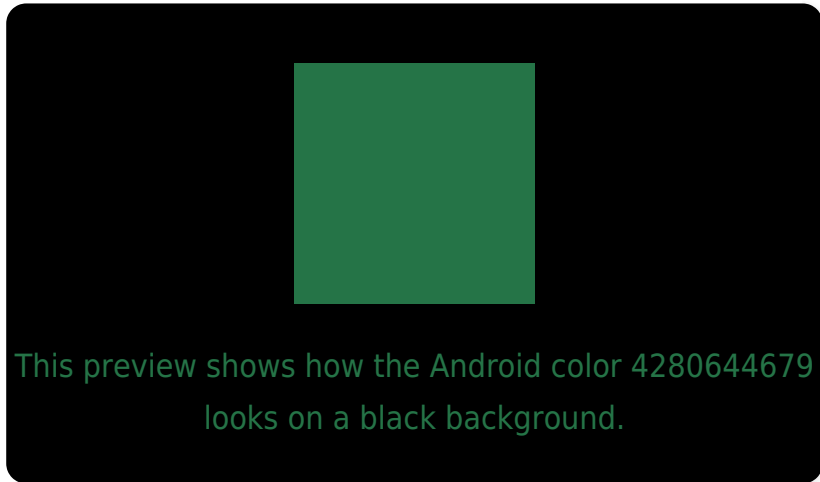
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280644679 Background



This preview shows how black text looks on a background with the Android color 4280644679.



This preview shows how white text looks on a background with the Android color 4280644679.

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
4280644679

Protanopia
4285490753

Deuteranopia
4286079307

Trichromacy



Original Color
4280644679

Protanomaly
4283722563

Deuteranomaly
4284115018

Tritanomaly
4281364582

Monochromacy



Original Color
4280644679

Achromatopsia
4283914071

Achromatomaly
4282737233

CSS Examples

Text

The CSS property to change the color of the text to Android 4280644679 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, 116, 71)` looks like.

```
.text, #text, p{  
    color:rgb(37, 116, 71)  
}
```

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, 116, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 116, 71) }
```

Border

The CSS property to change the border of an element to Android 4280644679 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, 116, 71) }
```

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

```
.border{ border-color:rgb(37, 116, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 116, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 116, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 116, 71);  
box-shadow:4px 4px 4px 4px rgb(37, 116,  
71) }
```

Background

The CSS property to change the background color of an element to Android 4280644679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 116, 71) }
```

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

```
.background{ background-color: rgb(37, 116,  
71) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor