

Converting Colors

Android(4280904031)

Have a look what the booklet for
Android(4280904031) contains.

Android(4280904031)	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(4280904031)

Conversions

Conversions Part 1

Format	Color
Hex	29695F
RGB	41, 105, 95
RGB Percent	16%, 41%, 37%
CMY	0.8392, 0.5882, 0.6275
CMYK	0.61, 0.00, 0.10, 0.59
HSL	171°, 44%, 29%
HSV	171°, 61%, 41%
XYZ	8.0316, 11.4008, 12.6037
YIQ	84.7240, -34.9340, -16.6780

Conversions

Conversions Part 2

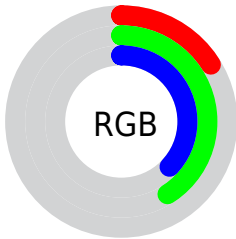
Format	Color
R_{YB}	41, 76, 105
Decimal	2713951
CIE Lab	40.25, -23.04, -0.49
CIE LCh	40, 23.041, 181.226
Yxy	11.4008, 0.2507, 0.3559
Android (android.graphics.Color)	4280904031 (0xFF29695F)
YUV	84.7240, 5.0661, -38.3459
Hunter-Lab	33.7651, -16.6296, 1.5039

Details

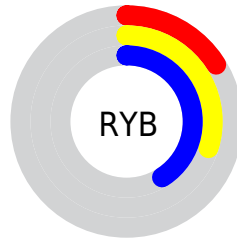
The Android color `4280904031` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285081907`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4284390801`, and `4278204721` is the 20% darker color. If you saturate the color by 10%, you get `4280183133`, and if you desaturate by 10%, it is `4281559393`.

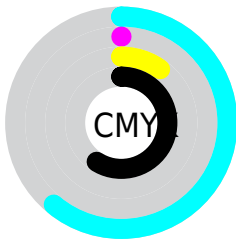
Distribution



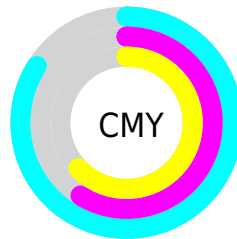
- Red (16%)
- Green (41%)
- Blue (37%)



- Red (16%)
- Yellow (30%)
- Blue (41%)



- Cyan (61%)
- Magenta (0%)
- Yellow (10%)
- Black (59%)



- Cyan (84%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280904031 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 4280904031 by changing the saturation by 10% instead.



4280904031



4280904031

4294967295



4278800711



4284390801



4278204721



4286101676



4278199324



4287878087



4278190594



4289655011



4278190080



4291559423



4293394431



4280904031



4280904031



4280183133



4281559393

■ 4279527772

■ 4282280290

■ 4278806874

■ 4283001188

■ 4278217049

■ 4283656550

■ 4284377447

■ 4285032809

■ 4285688170

■ 4286409068

■ 4287064430

Harmonies

Analogous

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



4282476364



4280904031



4279789682

Triad

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



4280904031



4284635775



4286207806

Complementary

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



4280904031



4285081907

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.



4286796364



4280904031



4286010225

Square

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



4280904031



4282802308



4286730335



4285226553

Rectangle

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



4280904031



4280248188



4286730335



4286469442

Sweetspot

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



4280904031



4285631110



4281624873



4281746754



4291085508



4282729797

Same Dimension

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



4280904031



4280650362



4280898665



4281349685



4278220131



4278253007

Inverse Universe

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



4285081907



4287243573



4285087273



4281741361



4285857810



4294246438

Previews

White Background



This preview shows how the Android color 4280904031 looks on a white background.

Color Contrast Check

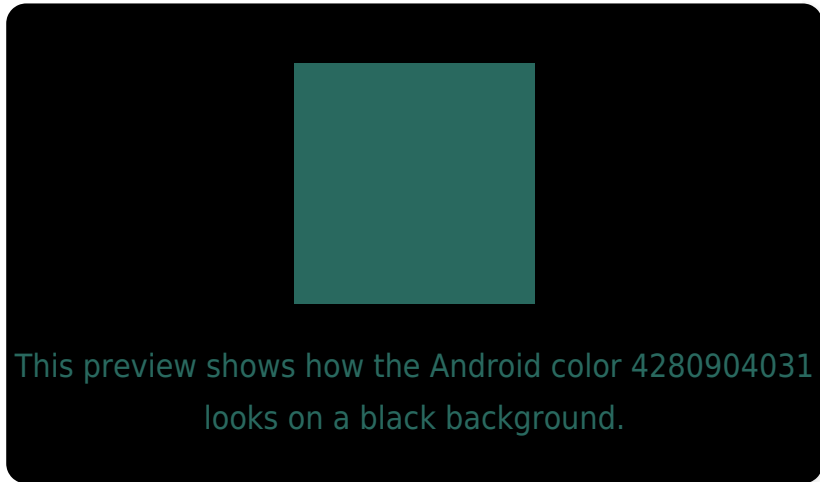
Large Text (above 18pt) WCAG AA ✓ Pass

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

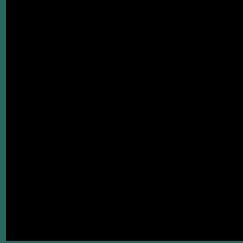
Any Text WCAG AA × Fail

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 4280904031 Background



This preview shows how black text looks on a background with the Android color 4280904031.



This preview shows how white text looks on a background with the Android color 4280904031.

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

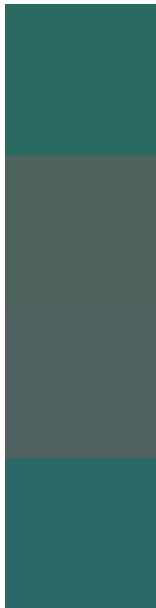


Original Color
4280904031

Protanopia
4284571225

Deuteranopia
4284898402

Trichromacy



Original Color
4280904031

Protanomaly
4283261531

Deuteranomaly
4283457889

Tritanomaly
4281165929

Monochromacy



Original Color
4280904031

Achromatopsia
4283782485

Achromatomaly
4282735705

CSS Examples

Text

The CSS property to change the color of the text to Android 4280904031 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, 105, 95)` looks like.

```
.text, #text, p{  
    color:rgb(41, 105, 95)  
}
```

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, 105, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 105, 95) }
```

Border

The CSS property to change the border of an element to Android 4280904031 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, 105, 95) }
```

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

```
.border{ border-color:rgb(41, 105, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 105, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 105, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 105, 95);  
box-shadow:4px 4px 4px 4px rgb(41, 105,  
95) }
```

Background

The CSS property to change the background color of an element to Android 4280904031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 105, 95) }
```

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

```
.background{ background-color: rgb(41, 105,  
95) }
```

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